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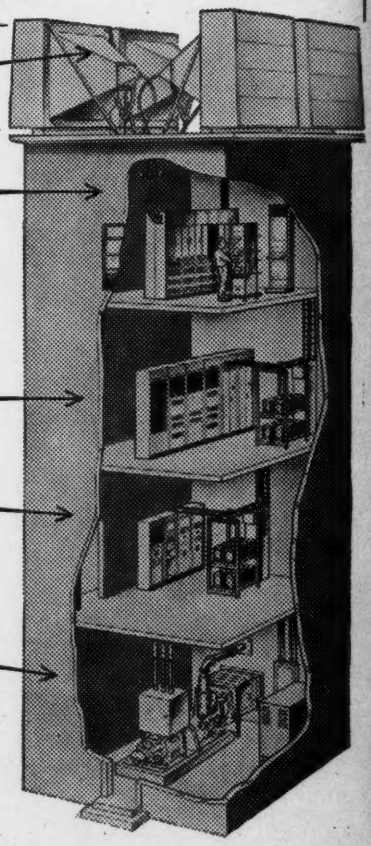

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Engineering Enrollments and Degrees, 1951 *

By ROBERT C. STORY and HENRY H. ARMSBY **

The downward trend in engineering enrollment appears to be somewhat checked as the demand for trained engineers becomes more acute. This fall the 148 institutions accredited by the Engineers' Council for Professional Development reported enrollments totalling 147,694.. While this total is 8.4 per cent below last year's total engineering enrollment, it is nevertheless not such a severe drop as is the decrease in the male student population reported by all higher educational institutions, which is almost 11 per cent smaller than in the fall of 1950.

Freshmen engineering enrollment, an even more sensitive indicator of the tenor of the times, is 16.2 per cent greater in the ECPD schools than it was in 1950. This increase is in striking contrast to the general decline of approximately 12 per cent in male students enrolling for the first time in all higher educational institutions. For the first time since the wave of returning veterans swelled the freshmen rolls to a record high in 1946, the freshman class has this year resumed the traditional position as the largest of the four classes. Assuming normal progression, it may be expected that the larger freshman class of this year will reverse the steadily declining trend in the number of engineering graduates four years hence.

The increasing demand for engineering services occasioned by the expansion of defense industries, combined with the steady decline in the number of engineering students and graduates, has created an acute shortage of trained engineers, which will apparently grow progressively more acute for several years to come. For the past two years, the increased demand for engineering graduates has been largely met by the veteran students, who have comprised large segments of the graduating classes of 1949–50 and 1950–51. These men, not being subject to military call, have been able to enter industry immediately upon graduation. However, the supply of veteran graduates is rapidly drying up.

The publicity given to this situation by numerous governmental and private agencies has undoubetdly been a major factor in the relatively small decline in the total number of engineering students and in the increase in engineering freshmen enrollment over last year. Probably Selective Service policies with respect to the deferment of college students have also played a part in these developments. However, it must be remembered that engineering students, like all other college students, are not excused from military service. Rather, some of the better qualified students are deferred to permit completion of college courses. In general, all physically fit graduates will be called to active military duty, either through Selective Service or through membership in ROTC units. This means that fewer and fewer new graduates will be available to take civilian engineering positions over the next several years.

* All engineering data appearing in the text of this report are restricted to ECPD-accredited schools. A report covering all engineering schools, regardless of ECPD accreditation, will shortly be issued by the U. S. Office of Education.

** Of the U. S. Office of Education, Federal Security Agency. Mr. Story is Head, Statistical Services Unit, Research and Statistical Standards Section, and Mr. Armsby is Associate Chief for Engineering Education, Division of Higher Education.

The number of undergraduate engineering students reported this fall by institutions accredited by ECPD was 128,367 —a decline of 10.2 per cent from 1950. Graduate enrollment, on the other hand, continued to increase. This fall's total of 16,452 students enrolled as candidates for the master's degree is 5.6 per cent greater than last year's total. The number of students enrolled as candidates for the doctor's degree rose 2.9 per cent to 2,875.

Percentagewise, the number of engineering students enrolled in ECPD accredited schools make up about 7 per cent of all college students enrolled in the fall of 1951. This percentage relationship is approximately the same as in the fall of 1950.

Civil, Electrical, and Mechanical continue as the three undergraduate engineering curricula in which the greatest numbers of students are enrolled. About 56 per cent of all undergraduate engineering students are enrolled in these three curricula—21.1 per cent in mechanical, 19.1 per cent in electrical and 15.4 per cent in civil. There is an increasing tendency on the part of the schools not to assign freshmen to specialized curricula. This fall approximately 13 per cent of all undergraduate engineering students were reported in the "unclassified" category; the bulk of these being freshmen. Two years ago, in the fall of 1949, only 5 per cent were reported as "unclassified."

The increasing desire for graduate training in engineering is reflected by the fact that graduate enrollment is now three times what it was in 1940. At that time, the graduate students comprised only 4.6 per cent of all engineering students. This fall, 13.1 per cent of all engineering students are taking graduate work. For the entire college population, the percentage of graduate students is estimated at about 10 per cent. Almost 28 per cent of all engineering graduate students are taking their training in electrical engineering. Mechanical engineering accounts for about 17 per cent, while approximately 13 per cent are enrolled in chemical engineering.

The number of male students who received their undergraduate engineering degrees in 1950–51 is down 21.3 per cent from the previous year. This compares with the decline of 15.3 per cent in first degrees granted to male students in all institutions. Of all first degrees conferred on male students, 13.5 per cent were in engineering.

The 148 institutions accredited by the ECPD conferred during the year ending June 30, 1951, a total of 37,904 bachelor's degrees in engineering, 5134 master's and professional degrees, and 586 doctorates. These constitute 9.9 per cent of all bachelor's degrees conferred by U. S. colleges and universities, 7.9 per cent of all master's degrees, and 8.0 per cent of all doctorates. Last year these percents were 11.1, 8.4, and 7.4, respectively.

The distribution of first degrees among the four principal egineering curricula was as follows: Mechanical engineering, 9609, electrical engineering, 8616, civil, 6473 and chemical, 3614. The number of graduates in each of the four curricula is considerably lower than it was last year. In mechanical engineering, 26.4 per cent fewer graduated than in the previous year. About 30 per cent fewer were graduated in electrical engineering, 11.5 per cent fewer in civil, and 18.3 per cent fewer in chemical.

The data contained in this report are based upon a survey of engineering schools and colleges made in October, 1951, under the joint sponsorship of the U. S. Office of Education and the American Society for Engineering Education. In accordance with an agreement reached by the joint committee of the Office of Education and the ASEE, all institutions listed in the Office of Education Directory of Higher Education [1] which reported that they conferred degrees in engineering during 1950–51 [2] were requested to supply

[1] Education Directory, Part III, Higher Education, 1950–51.

[2] Earned Degrees Conferred in Higher Educational Institutions, 1950–51, Circular No. 333, U. S. Office of Education.

data. Eight Canadian institutions were also included. Replies were received from all institutions accredited by the ECPD, from 44 other U. S. institutions, and from 7 in Canada.

As proposed by the joint ASEE and Office of Education Committee and approved by the ASEE general council, the tabulations in this report list individually only the ECPD accredited institutions (eligible for active institutional membership in the ASEE) but contain data for the other U. S. institutions as a group and for the Canadian institutions as a group.

Definition of Items:

Period covered: Engineering schools were asked to report student enrollment as of October 5, 1951. A few institutions, however, because of late opening, were unable to report before late November. Degree data are for the period July 1, 1950 to June 30, 1951.

Undergraduate students: Institutions were requested to report by class level only those students enrolled definitely as candidates for an engineering degree. "Part-time students" (both day and evening) may include degree candidates as well as students who are not working toward a degree.

Graduate students: Institutions were requested to "Report all students who have been admitted to formal graduate standing and are enrolled in graduate courses—regardless of the number of credit hours carried by the students, and regardless of whether the student's work is administered by the engineering college or the graduate school."

PRE-WAR AND POST-WAR COMPARISON OF ENGINEERING COLLEGE ENROLLMENTS

(for United States only)

Undergraduate Enrollment

Year	Freshman	Sophomore	Junior	Senior	5th Yr.	Part Time and Evening	Total	No. of First Degrees
1940	33,175	24,242	20,120	16,310	985	14,079	108,911	11,358 (1939–40)
1947	57,507	71,615	48,227	32,369	1,846	18,616	230,180	18,592 (1946–47)
1948	47,672	52,949	59,945	45,695	1,924	17,932	226,117	27,460 (1947–48)
1949*	36,508	35,648	41,695	50,991	2,326	13,478	180,646	41,793 (1948–49)
1950*	29,394	27,242	30,957	37,707	3,150	14,504	142,954	48,160 (1949–50)
1951*	34,147	23,408	24,757	27,820	2,946	15,289	128,367	37,904 (1950–51)

Graduate Enrollment

	Master's Degrees and other Pre-Doctoral Degrees					Doctor's Degrees				
Year	Full Time	Part Time	Evening	Total	Master's and other Pre-Doctoral Degrees	Full Time	Part Time	Evening	Total	Doctor's Degrees
1940	2,003	980	1,599	4,582	1,318 (1939–40)	404	179	41	624	108 (1939–40)
1947	5,465	3,663	3,515	12,643	3,090 (1946–47)	704	784	79	1,567	127 (1946–47)
1948	6,138	2,348	4,882	13,368	4,303 (1947–48)	1,046	569	454	2,069	252 (1947–48)
1949*	6,277	4,056	4,746	15,079	4,783 (1948–49)	1,593	793	155	2,541	417 (1948–49)
1950*	8,150		7,425	15,575	4,865 (1949–50)	2,342		453	2,795	492 (1949–50)
1951*	6,878		9,574	16,452	5,134 (1950–51)	2,419		456	2,875	586 (1950–51)

	1940	1947	1948	1949	1950	1951
Total college enrollment in U. S.	1,490,000	2,333,000	2,410,000	2,456,000	2,297,000	2,116,000
Engineering enrollment in U. S.	113,497	244,390	241,554	198,266*	161,324*	147,694*
Per cent engineering to total.....	7.6%	10.5%	10.0%	8.0%*	7.0%*	7.0%*

* Includes only ECPD accredited institutions.

Undergraduate Engineering Enrollment by Curricula, October 5, 1951

Per cent engineering to total.....	7.6%	10.5%	10.0%	8.0%*	7.0%*	7.0%*

* Includes only ECPD accredited institutions.

Undergraduate Engineering Enrollment, by Curricula, October 5, 1951

Engineering Curricula	No. of Schools	Total Number Enrolled for Their First Engineering Degree										No. of First Engineering Degrees Conferred 1950–51	
		1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr. of 5-yr. Curriculum	5th yr. of Cooperative Program	Part-time Day and Evening Students	Special Day and Evening Students	Total			
										Men	Women	Men	Women
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Schools accredited by ECPD:													
Aeronautical.....	48	1,173	796	725	743	30	34	217	6	3,177	13	1,087	7
Agricultural.....	36	374	334	367	426	20	—	1	1	1,522	1	597	1
Architectural.....	30	821	825	791	884	187	42	49	2	3,576	25	1,016	6
Ceramic.....	14	117	133	130	180	16	—	5	—	575	6	256	2
Chemical.....	105	2,647	2,397	2,575	2,809	169	239	603	137	11,533	43	3,595	19
Civil.....	134	4,178	3,989	4,545	5,118	189	234	1,174	317	19,701	43	6,463	10
Electrical.....	134	5,107	4,928	5,172	5,931	218	459	2,251	498	24,515	49	8,607	9
Engineering Mechanics.....	2	—	7	8	23	—	—	—	—	37	1	20	—
Engineering Physics.....	32	246	341	368	350	32	7	16	6	1,358	8	406	2
General Engineering.....	27	729	529	562	569	4	—	653	4	3,046	4	848	1
Geological.....	22	178	235	233	283	5	—	4	—	933	5	308	—
Industrial[1].....	60	794	945	1,253	1,583	71	56	304	61	5,057	10	2,253	3
Mechanical.....	129	5,564	5,411	5,751	6,548	314	532	2,583	431	27,080	54	9,599	10
Metallurgical.....	46	363	512	568	598	20	28	127	21	2,229	8	795	2
Mining.....	31	198	286	340	430	4	—	5	4	1,266	1	469	—
Naval Arch. and Marine.....	4	42	52	52	56	4	—	—	7	213	—	78	—
Petroleum.....	21	537	565	626	747	6	—	50	3	2,531	3	846	—
Sanitary.....	7	20	34	29	36	1	—	—	2	121	1	76	—
Textile.....	5	195	147	137	134	—	—	—	3	616	—	96	—
Unclassified.....	84	10,390	689	172	26	1	—	5,380	343	16,766	235	70	—
Others.....	36	474	253	353	346	23	1	2	19	1,463	8	347	—
Total ECPD.....	148	34,147	23,408	24,757	27,820	1,314	1,632	13,424	1,865	127,849	518	37,832	72
Other U. S. Schools.....	44	5,424	3,333	2,788	2,902	20	248	2,574	341	17,587	43	3,984	5
All U. S. Schools.....	192	39,571	26,741	27,545	30,722	1,334	1,880	15,998	2,206	145,436	561	41,816	77
Canadian Schools.....	7	1,342	1,063	923	1,344	503	29	—	—	5,181	23	1,866	3
Grand Total..... (U. S. and Canada)	199	40,913	27,804	28,468	32,066	1,837	1,909	15,998	2,206	150,617	584	43,682	80

[1] Includes administrative engineering, management engineering, etc.

Graduate Engineering Enrollment, by Curricula, October 5, 1951

Engineering Curricula	No. of Schools	Number Enrolled in Work for the Master's Degree				No. of Master's Degrees Conferred in Eng'g 1950–51		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees[1]				No. of Post-Grad. Degrees[1] Conferred in Eng'g 1950–51		Number Enrolled in Work for the Doctor's Degree				No. of Doctor's Degrees Conferred in Eng'g 1950–51	
		Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total			
				Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Schools accredited by ECPD:																			
Aeronautical	38	369	429	796	2	293	1	46	—	46	—	19	—	108	32	140	—	31	—
Agricultural	19	105	1	106	—	65	—	6	—	6	—	—	—	8	—	8	—	5	—
Architectural	14	45	—	45	—	22	1	—	—	—	—	—	—	—	—	—	—	—	—
Ceramic	13	51	—	51	—	55	—	—	—	—	—	1	—	35	—	35	—	8	—
Chemical	79	836	1,029	1,848	17	736	5	5	—	5	—	2	—	555	68	622	1	174	—
Civil	92	929	900	1,824	5	653	2	17	—	17	—	6	—	177	34	211	—	51	—
Electrical	81	1,577	3,084	4,650	11	1,153	1	56	3	59	—	34	—	521	161	682	—	110	—
Engineering Mechanics	27	123	94	217	—	87	1	2	—	2	—	—	—	100	1	101	—	17	—
Engineering Physics	20	134	219	349	4	35	—	—	—	—	—	—	—	58	—	58	—	12	—
General Engineering	11	166	77	241	2	32	—	—	—	—	—	—	—	41	—	40	1	3	—
Geological	13	76	—	75	1	31	—	—	—	—	—	—	—	13	—	13	—	3	—
Industrial[2]	38	332	1,051	1,382	1	264	3	—	—	—	—	2	—	87	41	128	—	5	—
Mechanical	96	965	1,935	2,898	2	919	1	44	4	48	—	20	—	281	57	337	1	70	—
Metallurgical	39	241	266	503	4	236	—	10	—	10	—	2	—	218	24	242	—	40	—
Mining	21	61	1	62	—	44	—	1	—	1	—	1	—	8	—	8	—	2	—
Naval Arch. & Marine	3	15	1	16	—	11	—	86	—	86	—	34	—	—	—	—	—	1	—
Petroleum	16	111	49	160	—	65	—	—	—	—	—	1	—	5	—	5	—	2	—
Sanitary	15	83	11	94	—	68	—	5	—	5	—	1	—	25	5	30	—	4	—
Textile	4	27	—	27	—	11	—	1	—	1	—	—	—	1	—	1	—	—	—
Unclassified	19	64	253	312	5	44	—	—	—	—	—	—	—	8	—	8	—	16	—
Others	28	284	167	447	4	169	1	5	—	5	—	2	—	170	33	202	1	31	1
Total ECPD	121	6,594	9,567	16,103	58	4,993	16	284	7	291	—	125	—	2,419	456	2,871	4	585	1
Other U. S. Schools	3	205	108	311	2	21	1	—	—	—	—	—	—	—	—	—	—	—	—
All U. S. Schools	124	6,799	9,675	16,414	60	5,014	17	284	7	291	—	125	—	2,419	456	2,871	4	585	1
Canadian Schools	7	147	17	164	—	129	—	20	—	20	—	20	—	44	1	45	—	15	—
Grand Total (U. S. and Canada)	131	6,946	9,692	16,578	60	5,143	17	304	7	311	—	145	—	2,463	457	2,916	4	600	1

[1] Other engineering degrees requiring work beyond the Master's degree, but less than the requirements for a Doctor's degree.
[2] Includes administrative engineering, management engineering, etc.

Total Undergraduate Engineering Enrollment, by School, October 5, 1951

Grand Total (U. S. and Canada)	131	6,946	9,692	16,578	60	3,143	17	304	7	311	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1] Other engineering degrees requiring work beyond the Master's degree, but less than the requirements for a Doctor's degree.
[2] Includes administrative engineering, management engineering, etc.

Total Undergraduate Engineering Enrollment, by School, October 5, 1951

Institutions	Total Number Enrolled for Their First Engineering Degree										No. of First Engineering Degrees Conferred 1950–51	
	1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr. of 5-yr. Curriculum	5th yr. of Cooperative Program	Part-Time Day and Evening Students	Special Day and Evening Students	Total			
									Men	Women	Men	Women
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECPD accredited Schools:												
Alabama												
Ala. Poly.	367	278	250	259	—	—	—	—	1,152	2	343	1
Univ. Ala.	157	108	135	158	—	—	491	1	1,045	5	231	1
Arizona												
Univ. Ariz.	195	166	149	169	—	—	—	—	675	4	199	—
Arkansas												
Univ. Ark.	90	77	120	124	—	—	1	1	413	—	159	—
California												
Calif. Tech.	199	58	64	78	—	—	—	—	399	—	79	—
Santa Clara	66	46	61	56	—	—	—	—	229	—	57	—
Stanford	228	119	101	102	—	—	—	—	550	—	198	—
Univ. Calif. (B.)	262	254	530	557	—	—	—	—	1,602	1	790	3
Univ. Calif. (L. A.)	200	167	194	114	—	—	—	—	674	1	178	1
Univ. Southern Calif.	70	126	236	392	—	—	375	—	1,198	1	457	—
Colorado												
Colo. A. & M.	159	97	107	99	—	—	—	—	461	1	109	—
Colo. Mines	134	189	190	243	—	—	—	—	756	—	229	—
Univ. Denver	74	66	84	107	—	6	10	9	355	1	180	1
Univ. Colo.	405	233	284	363	26	—	428	47	1,786	—	517	3
Connecticut												
U. S. Coast Guard	187	146	102	80	—	—	—	—	515	—	63	—
Univ. Conn.	307	166	116	171	—	—	—	—	755	5	171	—
Yale Univ.	—	190	180	208	—	—	—	—	578	—	220	—
Delaware												
Univ. Delaware	105	66	69	96	—	—	—	—	334	2	136	—
Florida												
Univ. Florida	400	275	123	182	—	—	—	3	983	—	257	1
Georgia												
Ga. Tech.	891	598	674	601	40	—	—	—	2,804	—	881	—
Idaho												
Univ. Idaho	165	106	89	90	—	—	—	—	448	2	113	—
Illinois												
Bradley	116	67	73	105	—	8	27	50	445	1	108	—
Ill. Inst. Tech.	270	232	371	475	—	28	3,753	12	4,984	157	691	1
Northwestern	187	168	146	129	—	103	—	34	765	2	161	1
Univ. Ill.	1,141	686	652	622	1	—	—	—	3,096	6	1,003	3
Indiana												
Notre Dame	440	241	238	191	—	—	—	—	1,110	—	121	—
Purdue	1,195	628	802	1,096	—	—	—	13	3,719	15	1,461	8
Rose Poly.	92	57	63	75	—	—	3	—	290	—	131	—

Total Undergraduate Engineering Enrollment, by School, October 5, 1951—*Continued*

Institutions	Total Number Enrolled for Their First Engineering Degree										No. of First Engineering Degrees Conferred 1950–51	
	1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr. of 5-yr. Curriculum	5th yr. of Cooperative Program	Part-Time Day and Evening Students	Special Day and Evening Students	Total			
									Men	Women	Men	Women
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Iowa												
Iowa St. Coll.	671	411	346	393	—	—	—	—	1,802	19	586	—
St. Univ. Iowa	37	54	95	91	—	—	—	—	277	—	122	—
Kansas												
Kan. St. Coll.	171	153	182	237	—	—	—	—	741	2	366	1
Kan. Univ.	247	168	250	328	—	—	—	—	986	7	363	—
Wichita	118	60	23	24	—	—	204	—	429	—	17	—
Kentucky												
Ky. Univ.	261	197	139	155	—	—	7	2	756	5	288	1
Louisville	101	76	69	99	109	—	—	—	454	—	44	—
Louisiana												
Louisiana Poly.	207	55	77	81	—	—	—	4	423	1	122	1
Louisiana St. Univ.	407	138	197	268	—	—	—	—	1,007	3	293	2
Tulane Univ.	138	88	75	59	—	—	5	—	364	1	104	—
Maine												
Univ. Maine	211	155	147	170	—	—	—	4	687	—	251	2
Maryland												
Johns Hopkins	134	160	118	93	—	—	—	—	505	—	127	—
Md. Univ.	308	152	160	198	1	—	—	13	831	1	248	—
U. S. Naval PG Sch.	—	—	196	134	—	—	—	—	330	—	149	—
Massachusetts												
Harvard	32	6	26	29	—	—	—	—	93	—	18	—
Lowell Textile	52	60	46	48	—	—	—	3	209	—	41	—
Mass. Inst. Tech.	556	524	582	693	4	—	—	—	2,344	15	799	3
Mass. Univ.	208	88	65	97	—	—	—	—	456	2	126	—
Northeastern	490	366	331	345	—	425	—	—	1,951	6	336	2
Tufts	167	136	119	105	—	—	—	—	526	1	132	—
Worcester	171	160	165	157	—	—	—	—	653	—	169	—
Michigan												
Detroit Univ.	347	168	219	216	—	344	200	3	1,492	5	522	—
Mich. M. & T.	268	235	230	251	8	—	—	—	989	3	343	—
Mich. St. Coll.	305	186	245	364	—	—	—	—	1,099	1	436	—
Mich. Univ.	355	397	363	559	—	—	—	30	1,692	12	868	1
Wayne Univ.	288	190	269	207	68	—	—	7	1,020	9	156	1

Minnesota												
Minn. Univ.	386	324	276	361	214	—	—	13	1,573	1	752	1
Mississippi												
Miss. St. Col.	99	112	69	116	1	—	—	—	397	—	142	—
Miss. Univ.	53	25	33	47	—	—	94	—	252	—	16	—
Missouri												
Mo. Mines	227	175	307	402	—	—	—	—	1,109	2	602	—
Mo. Univ.	177	128	143	130	—	—	—	—	578	—	254	—
St. Louis Univ.	126	95	86	102	—	—	14	—	420	3	137	—
Wash. Univ. (St. L.)	155	113	156	202	—	—	—	—	622	4	209	—
Montana												
Mont. St. Col.	114	91	80	111	—	—	—	—	396	—	166	—
Mont. Mines	67	40	52	52	—	—	—	1	212	—	56	—
Nebraska												
Nebr. Univ.	224	148	131	151	—	—	15	—	667	2	275	—
Nevada												
Nevada Univ.	58	56	52	54	—	—	—	5	225	—	85	—
New Hampshire												
Dartmouth	123	47	45	20	—	—	—	—	235	—	26	—
New Hamp. Univ.	137	75	80	92	—	—	—	1	383	2	102	—
New Jersey												
Newark	229	256	274	267	—	—	1,066	—	2,078	14	326	2
Princeton	159	119	113	102	—	—	—	2	495	—	105	—
Rutgers	149	95	67	101	—	—	—	1	411	2	152	—
Stevens	214	171	212	186	—	—	—	—	783	—	313	—
New Mexico												
N. Mex. A. & M.	66	60	50	60	—	—	9	2	247	—	96	1
N. Mex. Univ.	172	69	85	113	—	—	47	—	482	4	136	—
New York												
Alfred	70	55	40	53	—	—	5	—	217	6	65	—
Brooklyn Poly.	253	250	305	348	—	—	2,224	—	3,378	2	505	—
Clarkson	248	155	163	250	—	—	—	5	821	—	300	—
City Col. of N. Y.	938	385	386	442	—	—	—	875	3,001	25	531	3
Columbia	—	—	125	116	—	—	—	—	241	—	387	2
Cooper Union	126	99	67	62	—	—	352	—	701	5	106	—
Cornell	438	376	313	248	273	—	—	—	1,639	9	190	1
Manhattan	313	158	136	152	—	—	—	—	759	—	284	—
N. Y. Univ.	241	253	326	356	—	—	1,235	21	2,432	—	497	—
Pratt	54	52	43	72	—	—	—	—	217	4	121	—
Rensselaer	569	547	608	861	—	—	206	11	2,781	21	1,096	4
Rochester	67	37	31	58	—	—	—	—	193	—	57	—
Syracuse	163	109	103	206	—	—	10	3	592	2	376	2
Union Col.	75	59	50	47	—	—	—	—	231	—	82	—
Webb	22	17	14	9	—	—	—	—	62	—	14	—
North Carolina												
Duke Univ.	120	89	81	65	—	—	—	1	356	—	93	—
N. C. St. Col.	461	300	294	380	10	—	—	—	1,442	3	387	—

Total Undergraduate Engineering Enrollment, by School, October 5, 1951—*Continued*

Institutions	Total Number Enrolled for Their First Engineering Degree										No. of First Engineering Degrees Conferred 1950–51	
	1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr. of 5-yr. Curriculum	5th yr. of Cooperative Program	Part-Time Day and Evening Students	Special Day and Evening Students	Total			
									Men	Women	Men	Women
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
North Dakota												
N. Dak. Ag. Col.	132	77	73	88	—	—	—	—	370	—	127	—
N. Dak. Univ.	98	51	55	61	—	—	—	—	264	1	91	—
Ohio												
Akron	96	45	37	42	—	48	—	—	266	2	37	—
Cast Inst.	269	260	262	311	—	—	190	—	1,291	1	323	—
Cincinnati	313	229	227	253	—	286	—	—	1,306	2	315	—
Fenn	102	67	73	38	—	113	752	30	1,174	1	193	—
Ohio St. Univ.	492	354	323	305	379	—	230	23	2,101	5	692	3
Ohio Univ.	132	76	79	113	—	—	—	—	399	1	137	—
Toledo	138	87	103	116	—	—	312	—	754	2	167	2
Univ. Dayton	134	40	45	41	—	—	—	—	260	—	73	—
Oklahoma												
Okla. A. & M.	385	201	227	247	33	—	2	—	1,095	—	427	—
Okla. Univ.	357	310	302	510	—	—	1	—	1,470	10	591	—
Tulsa	141	137	131	119	—	—	21	170	708	11	146	—
Oregon												
Oregon State	231	151	167	215	—	—	—	—	764	—	269	—
Pennsylvania												
Bucknell	57	56	68	76	—	—	—	—	255	2	93	1
Carnegie	266	245	238	261	—	—	549	10	1,565	4	280	—
Drexel	380	263	209	201	—	212	—	12	1,271	6	281	2
Lafayette	124	91	125	138	—	—	—	—	478	—	171	—
Lehigh	448	366	339	289	—	—	—	—	1,442	—	314	—
Pa. St. Col.	956	530	470	574	—	—	—	19	2,540	9	597	1
Pittsburgh	274	235	277	321	—	—	339	—	1,442	4	522	1
Swarthmore	29	17	19	23	—	—	—	—	86	2	25	—
Univ. Pa.	114	66	75	120	—	—	—	—	375	—	106	—
Villanova	125	71	83	117	14	—	—	—	410	—	124	—
Rhode Island												
Brown	110	76	36	39	—	—	—	—	259	2	85	1
R. I. University	118	96	92	100	—	—	—	—	404	2	183	—

South Carolina												
Citadel	146	72	48	74	—	—	—	—	340	—	61	—
Clemson	487	234	239	192	—	—	—	—	1,152	—	209	—
S. C. Univ.	136	63	57	69	—	—	—	—	323	2	119	—
South Dakota												
S. Dak. Mines	163	57	85	99	—	—	—	—	403	1	142	—
S. Dak. St. Col.	89	46	56	64	—	—	—	—	253	2	99	—
Tennessee												
Tenn. Univ.	198	165	166	143	—	—	—	—	672	—	318	—
Vanderbilt	172	92	85	69	—	—	—	—	413	5	119	2
Texas												
A. & M. Col. Tex.	986	521	536	388	41	—	16	8	2,496	—	644	—
Rice	147	91	59	63	63	—	—	—	423	—	7	—
Southern Meth.	89	92	39	76	—	59	40	13	408	—	131	—
Tex. Coll. A. & I.	55	36	29	34	—	—	—	—	154	—	46	—
Tex. Tech. Col.	248	169	150	230	—	—	—	—	793	4	235	—
Tex. Western	115	67	61	38	—	—	—	—	281	—	46	—
Tex. Univ.	369	312	443	446	—	—	—	—	1,566	4	421	1
Utah												
Utah Ag. Col.	70	48	56	58	—	—	—	—	232	—	49	—
Utah Univ.	252	132	187	122	—	—	—	—	693	—	180	1
Vermont												
Norwich	124	41	29	46	—	—	—	—	240	—	64	—
Vermont Univ.	71	50	49	39	—	—	—	4	211	2	78	—
Virginia												
Va. Mil. Inst.	215	93	84	89	—	—	—	—	481	—	107	—
Va. Poly.	429	342	280	418	—	—	2	5	1,475	1	638	—
Va. Univ.	102	67	66	85	—	—	—	1	321	—	92	—
Washington												
Wash. St. Col.	186	91	149	161	22	—	—	—	608	1	183	1
Wash. Univ.	494	225	246	272	6	—	—	—	1,241	2	433	1
West Virginia												
W. Va. Univ.	144	142	157	131	—	—	—	—	572	2	281	—
Wisconsin												
Marquette	235	200	168	180	—	—	163	1	947	—	362	—
Univ. Wisconsin	341	251	401	395	—	—	—	357	1,742	3	553	—
Wyoming												
Wyoming Univ.	132	62	65	85	—	—	—	—	342	2	112	—
Dist. of Columbia												
Catholic Univ.	61	61	73	104	—	—	25	—	324	—	205	—
Geo. Wash. Univ.	205	140	106	85	—	—	—	28	559	5	133	1
Howard Univ.	65	25	38	39	—	—	—	—	166	1	44	—
Alaska												
Univ. of Alaska	31	21	12	19	1	—	—	7	89	2	10	—
Hawaii												
Univ. Hawaii	124	70	70	52	—	—	1	—	315	2	41	—
Total ECPD Schools	34,147	23,408	24,577	27,820	1,314	1,632	13,424	1,865	127,849	518	37,832	72

Total Graduate Engineering Enrollment, by School, October 5, 1951

Institutions	Number Enrolled in Work for the Master's Degree				No. of Master's Degrees Conferred in Eng'g 1950–51		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees[1]				No. of Post-Grad. Degrees[1] Conferred in Eng'g 1950–51		Number Enrolled in Work for the Doctor's Degree				No. of Doctor's Degrees Conferred in Eng'g 1950–51	
	Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total			
			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
ECPD accredited Schools:																		
Alabama																		
Ala. Poly.	12	—	12	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Ala.	13	77	90	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—
Arizona																		
Univ. Ariz.	28	29	56	1	11	—	—	—	—	—	—	—	1	—	1	—	1	—
Arkansas																		
Univ. Ark.	18	—	18	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
California																		
Calif. Tech.	92	—	92	—	87	—	50	—	50	—	17	—	66	—	66	—	21	—
Stanford	172	—	172	—	114	—	27	—	27	—	15	—	46	—	46	—	18	—
Univ. Calif. (B.)	171	—	171	—	175	—	12	—	12	—	5	—	67	—	67	—	9	—
Univ. Calif. (L. A.)	149	—	147	2	20	—	—	—	—	—	—	—	38	—	37	1	3	—
Univ. Southern Calif.	74	237	311	—	52	—	5	—	5	—	—	—	2	—	2	—	2	—
Colorado																		
Colo. A. & M.	19	—	19	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—
Colo. Mines	76	—	76	—	40	—	—	—	—	—	—	—	17	—	17	—	5	—
Univ. Denver	12	6	18	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Colo.	45	147	192	—	45	—	—	—	—	—	4	—	4	—	4	—	2	—
Connecticut																		
Univ. Conn.	15	107	122	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—
Yale Univ.	59	—	58	1	52	—	—	—	—	—	—	—	47	—	47	—	11	—
Delaware																		
Univ. Delaware	21	120	141	—	32	—	—	—	—	—	—	—	16	—	16	—	8	—
Florida																		
Univ. Florida	49	—	49	—	24	—	—	—	—	—	—	—	32	—	32	—	1	—

Georgia																		
Ga. Tech	122	—	122	—	127	—	—	—	—	—	—	—	24	—	24	—	2	—
Idaho																		
Univ. Idaho	13	—	13	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—
Illinois																		
Bradley	—	14	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ill. Inst. Tech	92	417	508	1	76	—	—	—	—	—	—	—	53	—	52	1	10	—
Northwestern	42	44	86	—	45	—	—	—	—	—	—	—	35	6	41	—	10	—
Univ. Ill	227	—	225	2	194	—	—	—	—	—	—	—	179	—	179	—	39	—
Indiana																		
Notre Dame	29	—	29	—	10	—	1	—	1	—	—	—	7	—	7	—	—	—
Purdue	270	5	275	—	178	—	—	—	—	—	—	—	99	—	99	—	37	—
Rose Poly	1	1	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Iowa																		
Iowa St. Col	66	—	66	—	68	—	4	—	4	—	—	—	57	1	58	—	9	—
St. Univ. Iowa	43	—	43	—	48	—	—	—	—	—	—	—	37	—	37	—	6	—
Kansas																		
Kan. St. Col	40	—	40	—	30	—	—	—	—	—	—	—	8	—	8	—	—	—
Kan. Univ	19	—	19	—	21	—	—	—	—	—	—	—	2	—	2	—	1	—
Wichita	4	4	8	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Kentucky																		
Ky. Univ	29	—	29	—	19	—	—	—	—	—	—	—	—	—	—	—	—	—
Louisville	14	—	14	—	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Louisiana																		
Louisiana St. Univ	54	—	54	—	26	—	—	—	—	—	—	—	—	—	—	—	3	—
Tulane Univ	16	—	16	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Maine																		
Univ. Maine	12	—	12	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—
Maryland																		
Johns Hopkins	74	57	131	—	45	—	—	—	—	—	—	—	58	3	61	—	8	—
Md. Univ	268	166	434	—	27	—	—	—	—	—	—	—	21	11	32	—	1	—
U. S. Naval PG Sch	51	—	51	—	42	1	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts																		
Harvard	60	2	61	1	111	1	6	—	6	—	4	—	76	—	75	1	26	—
Lowell Textile	12	—	12	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Mass. Inst. Tech	541	—	539	2	405	1	140	—	140	—	64	—	269	—	269	—	83	—
Mass. Univ	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northeastern	—	379	369	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worcester	14	—	14	—	21	—	—	—	—	—	—	—	—	—	—	—	—	—
Michigan																		
Mich. M. & T	17	—	17	—	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Mich. St. Col	36	—	36	—	33	—	—	—	—	—	—	—	8	—	8	—	2	—
Mich. Univ	260	35	295	—	269	—	—	—	—	—	1	—	114	4	118	—	34	—
Wayne Univ	152	2	152	2	7	—	—	—	—	—	—	—	—	—	—	—	—	—

Total Graduate Engineering Enrollment, by School, October 5, 1951—*Continued*

Institutions	Number Enrolled in Work for the Master's Degree				No. of Master's Degrees Conferred in Eng'g 1950–51		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees[1]				No. of Post-Grad. Degrees[1] Conferred in Eng'g 1950–51		Number Enrolled in Work for the Doctor's Degree				No. of Doctor's Degrees Conferred in Eng'g 1950–51	
	Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total			
			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Minnesota																		
Minn. Univ.	163	67	230	—	104	2	—	3	3	—	1	—	90	—	90	—	15	1
Mississippi																		
Miss. St. Col.	8	—	8	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Miss. Univ.	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Missouri																		
Mo. Mines	63	—	62	1	68	—	—	—	—	—	—	—	12	—	12	—	—	—
Mo. Univ.	26	—	26	—	30	—	—	—	—	—	—	—	8	—	8	—	3	—
St. Louis Univ.	20	86	106	—	1	—	—	—	—	—	—	—	2	—	2	—	—	—
Wash. Univ. (St. L.)	202	—	202	—	32	—	—	—	—	—	—	—	35	—	35	—	7	—
Montana																		
Mont. St. Col.	22	—	22	—	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Mont. Mines	10	—	10	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—
Nebraska																		
Nebr. Univ.	11	—	11	—	13	1	1	—	1	—	1	—	1	—	1	—	—	—
New Hampshire																		
Dartmouth	22	—	22	—	24	—	—	—	—	—	—	—	—	—	—	—	—	—
New Hamp. Univ.	4	—	4	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey																		
Newark	—	572	571	1	61	—	—	—	—	—	—	—	—	—	—	—	—	—
Princeton	64	—	64	—	37	—	—	—	—	—	—	—	28	—	28	—	5	—
Rutgers	150	—	146	4	14	—	—	—	—	—	—	—	—	—	—	—	—	—
Stevens	8	1,249	1,251	6	134	2	—	—	—	—	—	—	—	7	7	—	—	—
New Mexico																		
N. Mex. A. & M.	—	28	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
N. Mex. Univ.	6	81	87	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—
New York																		
Alfred	12	—	12	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—
Brooklyn Poly.	55	1,431	1,483	3	117	2	—	—	—	—	—	—	28	135	163	—	11	—
Clarkson	6	—	6	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—
City Col. of N. Y.	—	231	231	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—

New York—*Continued*																		
Columbia	180	263	442	1	281	2	—	—	—	—	—	—	220	—	220	—	20	—
Cornell	64	—	63	1	49	—	—	—	—	—	—	—	54	—	54	—	19	—
N. Y. Univ.	37	720	754	3	145	—	—	—	—	—	—	—	—	164	164	—	9	—
Rensselaer	145	148	291	2	104	—	—	—	—	—	—	—	33	—	33	—	2	—
Rochester	6	—	6	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—
Syracuse	26	101	126	1	19	—	—	—	—	—	—	—	29	4	33	—	2	—
Union Col.	—	51	51	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Webb	8	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina																		
N. C. St. Col.	79	—	79	—	17	1	—	—	—	—	—	—	13	—	12	1	—	—
North Dakota																		
N. Dak. Univ.	2	—	2	—	1	—	—	—	—	—	—	—	2	—	2	—	1	—
Ohio																		
Case Inst.	74	414	482	6	64	1	—	—	—	—	—	—	31	54	85	—	16	—
Cincinnati	18	—	18	—	8	—	—	—	—	—	—	—	10	—	10	—	3	—
Ohio St. Univ.	149	94	243	—	168	—	—	—	—	—	—	—	80	—	80	—	40	—
Ohio Univ.	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toledo	—	57	57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oklahoma																		
Okla. A. & M.	63	62	125	—	51	—	—	3	3	—	2	—	5	—	5	—	—	—
Okla. Univ.	44	—	44	—	29	—	—	—	—	—	—	—	2	—	2	—	2	—
Tulsa	25	21	46	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—
Oregon																		
Oregon State	20	—	20	—	27	—	—	—	—	—	—	—	2	—	2	—	—	—
Pennsylvania																		
Bucknell	3	—	3	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—
Carnegie	43	133	165	1	47	—	—	—	—	—	—	—	63	—	63	—	13	—
Drexel	214	—	214	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lehigh	29	—	29	—	28	—	—	—	—	—	—	—	23	—	23	—	6	—
Pa. St. Col.	49	—	49	—	50	—	3	—	3	—	9	—	30	—	30	—	12	—
Pittsburgh	33	473	506	—	40	—	—	—	—	—	—	—	7	36	43	—	3	—
Univ. Pa.	70	566	635	1	66	—	—	—	—	—	—	—	38	30	68	—	8	—
Rhode Island																		
Brown	7	8	15	—	2	—	—	—	—	—	—	—	4	1	5	—	1	—
R. I. University	12	—	12	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina																		
Clemson	13	—	13	—	5	—	3	—	3	—	—	—	—	—	—	—	—	—
South Dakota																		
S. Dak. Mines	8	—	8	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—
S. Dak. St. Col.	4	—	4	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Tennessee																		
Tenn. Univ.	136	—	136	—	22	—	26	—	26	—	—	—	17	—	17	—	1	—
Vanderbilt	2	—	2	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—

Total Graduate Engineering Enrollment, by School, October 5, 1951—*Continued*

Institutions	Number Enrolled in Work for the Master's Degree				No. of Master's Degrees Conferred in Eng'g 1950–51		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees[1]				No. of Post-Grad. Degrees[1] Conferred in Eng'g 1950–51		Number Enrolled in Work for the Doctor's Degree				No. of Doctor's Degrees Conferred in Eng'g 1950–51	
	Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total				Day Students Full Time and Part Time	Evening and Special Students	Total			
			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Texas																		
A. & M. Col. Tex.	79	—	79	—	49	—	1	—	1	—	1	—	18	—	18	—	4	—
Rice	12	—	12	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—
Southern Meth.	4	186	190	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—
Tex. Col. A. & I.	5	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tex. Tech. Col.	20	—	16	4	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Tex. Univ.	121	—	121	—	81	2	—	—	—	—	—	—	43	—	43	—	5	—
Utah																		
Utah Ag. Col.	7	—	7	—	6	—	2	—	2	—	—	—	1	—	1	—	2	—
Utah Univ.	22	—	22	—	13	—	1	—	1	—	—	—	13	—	13	—	2	—
Vermont																		
Vermont Univ.	—	—	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—
Virginia																		
Va. Poly.	56	—	56	—	61	—	—	—	—	—	—	—	3	—	3	—	2	—
Va. Univ.	11	348	359	—	19	—	—	—	—	—	—	—	—	—	—	—	—	—
Washington																		
Wash. St. Col.	19	—	19	—	8	—	—	—	—	—	1	—	—	—	—	—	—	—
Wash. Univ.	113	91	204	—	60	—	—	—	—	—	—	—	15	—	15	—	2	—
West Virginia																		
W. Va. Univ.	25	—	24	1	28	—	2	1	3	—	—	—	9	—	9	—	—	—
Wisconsin																		
Univ. Wisconsin	58	157	215	—	116	—	—	—	—	—	—	—	67	—	67	—	17	—
Wyoming																		
Wyoming Univ.	19	—	19	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Dist. of Columbia																		
Catholic Univ.	2	77	79	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—
Total ECPD Schools	6,594	9,567	16,103	58	4,993	16	284	7	291	—	125	—	2,419	456	2,871	4	585	1

[1] Other engineering degrees requiring work beyond the Master's degree, but less than the requirements for a Doctor's degree.

SECTIONS OF THE ASEE *

Active and Affiliate Institutional Members

New England Section

Univ. of Me.
Univ. of Vt.
Norwich
Dartmouth
Univ. of N. H.
Boston and Vicinity:
  Tufts
  Harvard
  Lowell Text. Inst.
  Mass. Inst. of Tech.
  Wentworth Tech. Inst.
  Franklin Tech. Inst.
  Northeastern
Worcester Poly. Inst.
Univ. of Conn.
Brown
Univ. of Mass
Yale
Univ. of R. I.
U. S. Coast Guard Acad.
Bridgeport Engrg. Inst.

Middle Atlantic Section

Stevens Inst. of Tech.
New York and Vicinity:
  College of the City of N. Y.
  Columbia
  Cooper Union
  N. Y. Univ.
  Webb Institute
  Manhattan
  Academy of Aero.
  RCA Institutes
Brooklyn and Vicinity:
  Brooklyn Poly. Inst.
  Pratt Institute
Newark College of Engrg.
Rutgers
Princeton
Lafayette
Lehigh
Philadelphia and Vicinity:
  Drexel Inst. of Tech.
  Univ. of Pa.
Villanova
Swarthmore
Univ. of Dela.

Capitol Section

Johns Hopkins
Univ. of Md.
Washington and Vicinity:
  Catholic
  Howard
  George Washington

Upper New York Section

Clarkson College of Tech.
Rensselaer Poly. Inst.
Union
Syracuse
Cornell
Univ. of Rochester
Alfred
Univ. of Buffalo

Michigan Section

Detroit and Vicinity:
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  Chrysler Inst. of Engrg.
Wayne
Univ. of Mich.
Mich. State College

Ohio Section

Univ. of Toledo
Sinclair
Ohio Northern
Cincinnati and Vicinity:
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  Ohio Mech. Inst.
Ohio State Univ.
Case Inst. of Tech.
Fenn
Univ. of Akron

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  Univ. of Pittsburgh
  Westinghouse Tech. Night School
West Virginia
Pa. State College
Bucknell

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Univ. of Ky.
Va. Military Inst.
Univ. of Miss.
Univ. of Tenn.
Va. Poly. Inst.
Univ. of Va.
Duke
N. C. State College
Clemson
Univ. of S. C.
The Citadel
Ga. Inst. of Tech.
Univ. of Fla.
Ala. Poly. Inst.
Tulane
Univ. of Ala.
Louisiana State Univ.
La. Poly. Institute
Southwestern La. Inst.
Miss. State College
Vanderbilt

Missouri Section

St. Louis and Vicinity:
  Washington
  St. Louis Univ.
Univ. of Mo.
Mo. School of Mines
Univ. of Ark.
Ark. Poly. Inst.

* See "What Do You Know About Your Section?" by B. J. Robertson, Jnl. of Engrg. Ed., Feb., 1948.

Illinois-Indiana Section

Northwestern University
Illinois Inst. of Tech.
Univ. of Notre Dame
Purdue
Aero. Univ.
Rose Poly. Inst.
Bradley

North Midwest Section

Mich. College of M. & T.
Marquette
Univ. of Wis.
State Univ. of Iowa
Iowa State College
Univ. of Minn.
Univ. of N. D.
N. D. Agric. College
S. D. State College
S. D. School of Mines
Milwaukee School of Engrg.

Kansas-Nebraska Section

Univ. of Omaha
Univ. of Neb.
Kansas State College
Kansas State Teachers College
Univ. of Kansas

Southwestern Section

Okla. A. & M. College
State Univ. of Okla.
Univ. of Tulsa
Southern Methodist
A. & M. College of Texas
Rice Inst.
Univ. of Texas
Texas College of A. & I.
N. M. College of A. & M.
Univ. of N. M.
Texas Tech. College
Prairie View A. & M.

Rocky Mountain Section

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Colo. A. & M. College
Univ. of Colo.
Colo. School of Mines
Univ. of Denver

Pacific Northwest Section

Ore. State College
Univ. of Wash.
State College of Wash.
Univ. of Idaho
Mont. School of Mines
Mont. State College

Pacific Southwest Section

Utah State College
Univ. of Utah
Univ. of Ariz.
Calif. Inst. of Tech.
Los Angeles and Vicinity:
  Univ. of Southern Calif.
  Univ. of Calif.
  Cal-Aero Tech. Inst.
  Northrop Aero. Inst.
San Francisco Bay and Vicinity:
  Univ. of Santa Clara
  San Jose State College
  Univ. of Calif.
  U. S. Naval P. G. School
University of Nevada

Unassigned

Univ. of Toronto
Ecole Poly.
Queens
McGill
Univ. of Alaska
Univ. of Hawaii
Univ. of Puerto Rico

ORGANIZATION OF THE SOCIETY

The Society for the Promotion of Engineering Education was the outgrowth of the meetings of Division E of the World's Engineering Congress held in Chicago from July 21 to August 15, 1893, in connection with the World's Columbian Exposition.

In June, 1946, the name of the Society was changed to The American Society for Engineering Education.

The purpose of the Society is the advancement of education in all its functions which pertain to engineering and allied branches of science and technology, including the processes of teaching and learning, research, extension services, and public relations. The Society shall serve its members as a common agency of stimulation and guidance in: (*a*) the formulation of the general goals and responsibilities of engineering education for the service of individuals and the advancement of general welfare; (*b*) the adjustment of curricula and educational processes to changing conditions; (*c*) the development of effective teachers and administrators; (*d*) the improvement of instructional materials and methods, of personnel practices, and of administrative usages; (*e*) the enhancement of professional ideals and standards; (*f*) the fostering of research as a function collateral to teaching; (*g*) the coordination of institutional aims and programs, both among schools and colleges and in their joint relations with professional, educational, and public bodies; and (*h*) the cultivation of a fraternal spirit among teachers, administrators, investigators, practitioners, and industrialists.

The Society is an organization of individual and institutional members which operates in two coordinate areas of activity, corresponding to the respective interests of these groups. The interests of the individual members are coordinated under a General Council, and the activities of its institutional members through the Engineering College Administrative Council and the Engineering College Research Council. The Executive Board is the administrative body responsible for coordinating the activities of the entire Society.

The ASEE has twenty-one Divisions and a number of Committees which represent various professional branches of science, engineering, and related fields. The Divisions and Committees arrange the technical program of the annual meeting and are responsible for much of the technical work of the Society. A number of studies of far-reaching importance to engineering colleges and the educational profession have been conducted through Division and Committee activities.

There are sixteen geographical Sections which hold regional meetings. The programs of these meetings are devoted to various timely subjects dealing with engineering education, research, administration, and professional aspects of engineering.

Local branches of the Society have been formed in a number of engineering colleges in order to further the objectives of engineering education within the colleges.

The Engineering College Administrative Council serves to foster cooperation among engineering colleges and to relate the colleges to the public welfare in the interests of the engineering profession, industry, and the public at large. It serves as an instrument of inquiry into problems which contribute to the effective administration of engineering colleges. It cooperates with agencies of the government, engineering societies, and other organizations to further the interests of engineering education.

The Engineering College Research Council assists in developing research facilities in engineering colleges and serves as an organization to promote and coordinate scientific and industrial research. The Council cooperates with governmental agencies and industrial organizations in the formulation of research programs. Through these activities the Council contributes to the improvement of advanced study in engineering colleges.

The Journal of Engineering Education, published monthly during the academic year, is the formal publication of the ASEE. It contains papers, reports and discussions pertinent to the profession. This Journal is distributed free to the members. A bound volume of the Journal constitutes the annual Proceedings of the Society.

APPLICATION FOR MEMBERSHIP

Date .....

I desire to become a member of the American Society for Engineering Education and hereby agree to conform to the requirements of membership, if elected, and submit the following statement of qualifications:

Name .....
Print last name First Middle

Mailing address .....

City and State .....

Full title of professional position .....
Title Department

Institution .....

Degrees and names of institutions granting .....

Sponsors .....

.....

To be signed by two sponsors, members of A.S.E.E., and returned to A. B. Bronwell, Secretary, A.S.E.E., Northwestern University, Evanston, Ill.

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Vice Pres
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Vice Pres
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Vice Pres
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Pacific Southwest—H. H. WHEATON (1953), Fresno State College, Fresno, Calif.

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American Standards Association:

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Y10—Symbols and Abbreviations: W. A. Lewis, *Chairman,* T. C. Hanson, P. J. Kiefer, W. B. Plank, M. C. Stuart, C. C. Whipple.

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Engineering Manpower Commission: H. H. Armsby, S. C. Hollister, M. M. Boring.

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Committee on International Relations: S. S. Steinberg, L. J. Lassalle.

National Bureau of Engineering Registration (Advisory Board): N. W. Dougherty.

National Research Council: F. M. Dawson, G. A. Rosselot.

THE GEORGE WESTINGHOUSE AWARD

The George Westinghouse Award was established by the Westinghouse Educational Foundation in 1946 as an annual Award to young engineering teachers of outstanding ability to recognize and encourage their contributions to the improvement of teaching methods for engineering students.

RECIPIENTS OF THE GEORGE WESTINGHOUSE AWARD

1946—James Norman Goodier, Professor of Mechanics, Cornell University.
1947—Benjamin R. Teare, Jr., Buhl Professor and Head, Dept. of Electrical Engineering, Carnegie Institute of Technology.
1948—Hunter Rouse, Professor and Director, Institute of Hydraulic Research, State University of Iowa.
1949—Joseph Marin, Professor of Engineering Mechanics, Pennsylvania State College.
1950—Rolf Eliassen, Professor of Sanitary Engineering, Massachusetts Institute of Technology.
1951—Glenn Murphy, Professor of Theoretical and Applied Mechanics, Iowa State College.

JAMES H. McGRAW AWARD

The James H. McGraw Award in Technical Institute Education is awarded annually for the purpose of recognizing and encouraging outstanding contributions to technical institute education. The Award consists of the sum of $500.00 and an engraved certificate provided by the McGraw-Hill Book Company in memory of James H. McGraw, Sr. Nominees are expected to have displayed unusual competence in one or more of the following activities related to technical institute education: instruction, publication, administration, and other appropriate contributions.

1950—Harry P. Hammond, Dean of Engineering, Pennsylvania State College.
1951—Robert Hoover Spahr, Administrative Chairman, General Motors Institute.

DIVISIONS, 1951–52

Aeronautical: A. E. Cronk, *Chairman,* Univ. of Minnesota; C. N. Sanford, *Vice Chairman;* G. H. Strom, *Secretary;* H. W. Barlow, *Member of Council,* 1953.

Agricultural: H. J. Barre, *Chairman,* Purdue Univ.; O. C. French, *Secretary;* H. J. Barre, *Member of Council,* 1952.

Architectural: W. W. Dornberger, *Chairman,* Univ. of Texas; P. E. Soneson, *Vice Chairman;* J. E. Varga, *Secretary;* S. A. Smith, *Member of Council,* 1952.

Chemical: G. C. Williams, *Chairman,* Univ. of Louisville; R. L. Savage and G. L. Bridger, *Vice Chairmen;* R. W. Moulton, *Secretary;* A. H. Cooper, *Editor,* R. M. Boarts, *Member of Council,* 1953.

Civil Engineering: E. H. Gaylord, *Chairman,* Ohio Univ.; F. W. Stubbs, Jr., *Vice Chairman;* A. J. McNair, *Secretary;* W. H. Gotolski, *Editor, CE Bulletin; Directors:* W. L. Moore, A. J. McNair, W. J. Eney, G. L. Barker; W. M. Lansford, *Member of Council,* 1952.

Cooperative Engineering Education: H. R. Bintzer, *Chairman,* Drexel Institute of Technology; H. C. Messinger, *Vice Chairman;* J. G. Wohlford, *Secretary;* D. C. Hunt, *Member of Council,* 1953.

Educational Methods: H. R. Beatty, *Chairman,* Pratt Institute; G. Speer, *Vice Chairman;* M. Giannini, *Secretary;* E. Walker, *Member of Council,* 1952.

Electrical: J. D. Ryder, *Chairman,* Univ. of Illinois; H. E. Hartig, *Vice Chairman;* L. V. Bewley, *Secretary;* T. H. Morgan, *Member of Council,* 1953.

Engineering Drawing: C. H. Springer, *Chairman,* Univ. of Illinois; J. Gerard, *Vice Chairman;* R. Northrup, *Secretary; Executive Committee:* J. G. McGuire, W. E. Street, C. E. Rowe, H. E. Grant, J. S. Rising; T. T. Aakhus, *Editor;* B. L. Wellman, *Editor T Square;* C. J. Vierck, *Advertising Manager;* W. J. Luzadder, *Circulation Manager;* H. C. Spencer, *Member of Council,* 1952.

English: G. J. Christensen, *Chairman,* Columbia Univ.; A. M. Fountain, *Vice Chairman; Secretary to be appointed by Chairman;* C. A. Brown, *Member of Council,* 1953.

Evening Engineering Education: H. Torgersen, *Chairman,* New York Univ.; R. W. Van Houten, *Vice Chairman;* W. D. McIlvaine, *Secretary;* S. E. Winston, *Member of Council,* 1953.

Graduate Studies: A. P. Colburn, *Chairman,* Univ. of Delaware; N. A. Christensen, *Vice Chairman;* C. D. Harris, *Secretary;* J. H. Rushton, *Member of Council,* 1952.

Humanistic-Social Studies: J. W. Shirley, *Chairman,* North Carolina State College; D. G. Stillman, *Vice Chairman;* S. P. Olmsted, *Secretary;* S. W. Chapman, *Member of Council,* 1953.

Industrial Engineering: J. M. Apple, *Chairman,* Michigan State College; W. G. Ireson, *Vice Chairman;* F. F. Groseclose, *Secretary;* F. F. Groseclose, *Editor;* E. Laitala, *Member of Council,* 1952.

Mathematics: H. M. Gehman, *Chairman,* Univ. of Buffalo; J. H. Zant, *Secretary; Directors:* C. R. Wylie, D. R. Gunder, W. C. Krathwohl; F. H. Miller, *Member of Council,* 1953.

Mechanical Engineering: H. Kuenzel, *Chairman,* Univ. of Alabama; E. L. Midgette, *Vice Chairman;* E. E. Ambrosius, *Secretary;* N. A. Hall, *Editor, Heat Power;* L. F. Kreisle, *Editor, Machine Design & Manufacturing;* H. A. Bolz, *Member of Council,* 1952.

Mechanics: G. H. McCullough, *Chairman,* Worcester Polytechnic Institute; G. Murphy, *Editor; Executive Committee:* W. M. Lansford, R. G. Sturm, A. L. Miller, G. Murphy, J. Marin, G. H. McCullough, F. L. Singer, D. H. Pletta; C. O. Harris, *Member of Council,* 1953.

Mineral Engineering: H. H. Power, *Chairman,* Univ. of Texas; A. Butts, *Vice Chairman;* W. J. Rundle, *Secretary;* T. L. Joseph, *Member of Council,* 1952.

Physics: G. P. Brewington, *Chairman,* Lawrence Institute of Technology; R. J. Seeger, *Vice Chairman;* J. Harty, *Secretary; Executive Committee:* C. E. Bennett, H. W. Dodge, J. G. Potter, M. W. White; E. Hutchisson, *Member of Council,* 1953.

Relations with Industry: M. J. Bergen, *Chairman,* E. I. du Pont de Nemours & Co., Inc.; G. D. Lobingier, *Vice Chairman;* E. N. Baldwin, *Secretary; Directors:* W. W. Burton, C. Muhlenbruch, G. D. Lobingier, E. N. Baldwin, D. S. Bridgman, J. F. Downie Smith, M. J. Bergen, E. C. Koerper, B. R. Teare; K. B. McEachron, *Member of Council,* 1953.

Technical Institute: Leo F. Smith, *Chairman,* Rochester Institute of Technology; L. H. Povillion, *Vice Chairman;* K. O. Werwath, *Secretary;* H. P. Adams, *Member of Council,* 1953.

SECTIONS, 1951–52

Allegheny: E. B. Stavely, *Chairman,* The Pennsylvania State College; C. H. Cather, *Vice Chairman;* C. A. Anderson, *Secretary;* D. M. Griffith, *Member of Council,* 1953.

Illinois-Indiana: D. G. Ryan, *Chairman,* Univ. of Illinois; H. A. Moench, *Vice Chairman;* E. Danner, *Secretary; Executive Committee:* W. C. Knopf, B. A. Fisher, B. O. Larson, C. W. Muhlenbruch, C. C. Stevason, O. Knudsen; D. S. Clark, *Member of Council,* 1952.

Kansas-Nebraska: K. E. Rose, *Chairman,* Univ. of Kansas; J. K. Ludwickson, *Vice Chairman;* J. N. Wood, *Secretary;* D. G. Wilson, *Member of Council,* 1953.

Michigan: W. P. Godfrey, *Chairman;* Univ. of Detroit; F. L. Schwartz, *Vice Chairman;* C. C. Sigerfoos, *Secretary;* L. G. Miller, *Member of Council,* 1952.

Middle Atlantic: S. J. Tracy, Jr., *Chairman,* College of the City of New York; F. G. Tatnall, *Vice Chairman;* E. C. Lawson, Jr., *Secretary;* W. Allan, *Member of Council,* 1953.

Missouri: R. Z. Williams, *Chairman,* Missouri School of Mines; G. K. Gillan, *Vice Chairman;* R. C. Wray, *Secretary;* J. R. Lorah, *Member of Council,* 1953.

National Capital Area: W. Oncken, Jr., *Chairman,* Naval Ordnance Laboratory, Silver Spring, Md.; L. K. Downing, *Vice Chairman;* C. H. Walther, *Secretary;* R. S. Glasgow, *Member of Council,* 1952.

New England: Edward T. Donovan, *Chairman,* Univ. of New Hampshire; E. F. Littleton, *Secretary;* B. L. Wellman, *Member of Council,* 1953.

North Midwest: S. J. Chamberlin, *Chairman,* Iowa State College; A. B. Drought, *Vice Chairman;* W. C. Alsmeyer, *Secretary;* L. O. Stewart, *Member of Council,* 1952.

Ohio: S. M. Marco, *Chairman,* Ohio State Univ., G. B. Earnest and H. K. Justice, *Vice Chairmen;* K. F. Sabila, *Secretary;* L. D. Jones, *Member of Council,* 1953.

Pacific Northwest: T. H. Campbell, *Chairman,* Univ. of Washington; W. E. Rogers, *Vice Chairman;* W. B. Nordquist, *Secretary;* C. A. Mockmore, *Member of Council,* 1952.

Pacific Southwest: S. F. Duncan, *Chairman,* Farr Co., Airport Station, Los Angeles 45, Calif.; C. E. Cherry, *Vice Chairman;* J. B. Franzini, *Secretary; Executive Committee:* E. D. Howe, C. E. Knott, F. C. Lindvall; H. H. Wheaton, *Member of Council,* 1953.

Rocky Mountain: E. J. Lindahl, *Chairman,* Univ. of Wyoming; C. A. Hutchinson, *Vice Chairman;* A. B. Stafford, *Secretary;* M. Capp, *Member of Council,* 1952.

Southeastern: R. L. Sumwalt, *Chairman,* Univ. of South Carolina; D. V. Terrell, *Vice Chairman;* B. M. Bayer, *Secretary;* F. H. Pumphrey, *Member of Council,* 1953.

Southwestern: H. P. Adams, *Chairman,* Oklahoma A. & M. College; M. L. Ray, *Vice Chairman;* M. R. Lohmann, *Secretary;* W. H. Carson, *Member of Council,* 1952.

Upper New York: R. M. Campbell, *Chairman,* Alfred University; A. D. Taylor, *Secretary; Institutional Representatives:* C. E. Williams, R. F. Eisenberg, R. E. Shaffer, E. J. Kilcawley, B. H. Norem, N. A. Christensen, W. H. Branch; G. E. Palsgrove, *Member of Council,* 1952.

BRANCHES, 1951–52

Alabama: (University): John Still, *Chairman,* Willard Gray, *Vice Chairman,* R. Q. Shotts, *Secretary-Treasurer.*

Arizona: C. H. Handforth, *Chairman,* H. A. Marcoux, *Vice Chairman,* Q. M. Mees, *Secretary.*

Bucknell: R. A. Gardner, *Chairman,* Hugh D. Sims, *Secretary-Treasurer.*

Case: R. C. Putnam, *Chairman,* W. R. Meredith, *Vice Chairman,* D. M. Rein, *Secretary-Treasurer.*

Colorado A. & M. College: H. W. Collins, *Chairman,* C. C. Britton, *Vice Chairman,* H. H. Schweizer, *Secretary-Treasurer.*

Colorado (University): W. F. Boore, Jr., *Chairman,* W. J. Hanna, *Secretary.*

Colorado School of Mines: H. E. Fletcher, *Chairman,* G. W. LeMaire, *Vice Chairman,* F. K. Sabott, *Secretary-Treasurer.*

Detroit: G. B. Uicker, *Chairman,* Guido Ferrara, *Vice Chairman,* Louis S. Clock, *Secretary.*

Florida: T. O. Neff, *Chairman,* John E. Kiker, *Vice Chairman,* F. M. Flanigan, *Secretary.*

Lafayette: R. DeMoyer, *Chairman,* L. J. Conover, *Vice Chairman,* G. W. Courtney, *Secretary.*

Maine: S. J. Ryckman, *Chairman,* T. A. Murray, *Vice Chairman,* F. J. Sullivan, *Secretary.*

Michigan College of M. & T.: P. V. Anderson, *Chairman,* A. P. Young, *Vice Chairman,* J. M. Harrington, *Secretary.*

Michigan State College: R. J. Jeffries, *Chairman,* Robert L. Sweet, *Vice Chairman,* Frank C. Flory, *Secretary,* Donald A. Bergh, *Treasurer.*

Minnesota: F. E. Miller, *Chairman,* Thomas E. Murphy, *Program Committee Chairman,* O. William Muckenhirn, *Secretary,* R. L. Dowdell, *Treasurer.*

Newark College of Engineering: F. N. Entwisle, *Chairman,* H. N. Cummings, *Secretary.*

North Carolina State College: K. O. Beatty, Jr., *Chairman,* H. V. Park, *Vice Chairman,* D. S. Arnold, *Recording Secretary,* A. M. Fountain, *Corresponding Secretary.*

Northeastern: O. F. Cushman, *Chairman,* J. J. Devine, *Secretary.*

Pennsylvania State College: B. A. Whisler *Chairman,* V. E. Neilly, *Secretary-Treasurer.*

University of Tennessee: J. F. Bailey, *Chairman,* H. J. Johnson, Jr., *Secretary-Treasurer.*

Texas A. &. M. College: C. W. Crawford, *Chairman,* N. F. Rode, *Vice Chairman,* B. F. K. Mullins, *Secretary.*

Tufts College: E. F. Littleton, *Chairman,* D. A. Fisher, *Secretary.*

State College of Washington: S. A. Duran, *Chairman,* R. K. Reynolds, *Vice Chairman,* Harry Stern, *Secretary-Treasurer.*

University of Washington: F. D. Robbins, *Chairman,* J. B. Morrison, *Secretary.*

TECHNICAL INSTITUTE BRANCHES, 1951–52

Milwaukee School of Engineering: K. O. Werwath, *Chairman,* Elmer Petty, *Secretary.*

AWARDS

LAMME MEDAL

The Lamme Award consists of a gold medal and bronze replica bestowed annually upon a distinguished engineering educator for excellence in teaching and contributions to the art of teaching; contributions to research and technical literature; achievements which contribute to the advancement of the profession; and engineering administration. The Lamme trust fund was established in memory of Benjamin Garver Lamme.

RECIPIENTS OF LAMME MEDAL

1928—George Fillmore Swain, Professor of Civil Engineering, Harvard University.

1929—Irving Porter Church, Emeritus Professor of Applied Mechanics and Hydraulics, Cornell University.

1930—Charles Felton Scott, Professor of Electrical Engineering, Yale University.

1931—Dugald Caleb Jackson, Professor of Electric Power Production and Distribution, in charge, Dept., Electrical Engineering, Massachusetts Institute of Technology.

1932—Arthur Newell Talbot, Professor of Municipal and Sanitary Engineering, Emeritus, University of Illinois.

1933—Dexter Simpson Kimball, Professor of Industrial Engineering, Dean, College of Engineering, Cornell University.

1934—Edward Rose Maurer, Professor of Mechanics, University of Wisconsin.

1935—William Elgin Wickenden, President, Case School of Applied Science.

1936—Herman Schneider, Dean, University of Cincinnati.

1937—Frederick Eugene Turneaure, Dean, University of Wisconsin.

1938—Robert Lemuel Sackett, Dean, Pennsylvania State College.

1939—Stephen P. Timoshenko, Professor of Theoretical and Applied Mechanics, Stanford University.

1940—Andrey A. Potter, Dean, Schools of Engineering, Purdue University.

1941—Anson Marston, Dean of Engineering, Emeritus, Iowa State College.

1942—Roy Andrew Seaton, Dean, Division of Engineering, Kansas State College; Director, E. S. M. W. T., U. S. Office of Education.

1943—Thomas Ewing French, Professor of Engineering Drawing, Emeritus, The Ohio State University.

1944—Hardy Cross, Professor and Chairman, Dept. of Civil Engineering, Yale University.

1945—Harry Parker Hammond, Dean, School of Engineering, The Pennsylvania State College.

1946—Robert E. Doherty, President, Carnegie Institute of Technology.

1947—Warren K. Lewis, Professor of Chemical Engineering, Massachusetts Institute of Technology.

1948—Alexander G. Christie, Professor of Mechanical Engineering, Johns Hopkins University.

1949—Karl Taylor Compton, President Emeritus, Chairman of Corporation, Massachusetts Institute of Technology.

1950—Fred B. Seely, Professor of Theoretical and Applied Mechanics, University of Illinois.

1951—Allan R. Cullimore, President, Newark College of Engineering.

INSTITUTIONAL MEMBERS

ACTIVE MEMBERS *†

UNIVERSITY OF AKRON, Akron, Ohio, Norman P. Auburn, *President*, R. D. Landon, *Dean* 1914

Alabama Polytechnic Institute, Auburn, Ala., Ralph B. Draughton, *President*, J. E. Hannum, *Dean*, R. G. Sturm, *Director, Auburn Research Foundation* 1914

University of Alabama, University, Ala., John M. Gallalee, *President*, J. R. Cudworth, *Dean*, H. Majors, Jr., *Director of Research* 1923

UNIVERSITY OF ALASKA, College, Alaska, Terris Moore, *President*, E. H. Beistline, *Dean, School of Mines* 1941

University of Arizona: Tucson, Ariz., Richard A. Harvill, *President*, John C. Park, *Dean*, T. G. Chapman, *Dean, College of Mines* 1914

University of Arkansas, Fayetteville, Ark., Lewis W. Jones, *President*, George F. Branigan, *Dean and Director, Engineering Experiment Station*, W. W. Grigorieff, *Director, Institute of Science and Technology* 1921

Polytechnic Institute of Brooklyn, Brooklyn, N. Y., H. S. Rogers, *President*, Erich Hausmann, *Dean*, H. P. Wile, *Administrator of Research* 1921

BROWN UNIVERSITY, Providence, R. I., Henry M. Wriston, *President*, John H. Marchant, *Chairman* 1914

Bucknell University, Lewisburg, Pa., Horace A. Hildreth, *President*, G. A. Irland *Chairman of Engineering Group* 1925

California Institute of Technology, Pasadena, Calif., Lee A. DuBridge, *President*, F. C. Lindvahl, *Chairman of Engineering Division* 1913

University of California, Berkeley, Calif., Robert G. Sproul, *President*, Morrough P. O'Brien, *Dean*, H. A. Schade, *Director of Research* 1937

University of California, Los Angeles, Calif., Robert G. Sproul, *President*, L. M. K. Boelter, *Dean* 1948

Carnegie Institute of Technology, Pittsburgh, Pa., J. C. Warner, *President*, W. N. Jones, *Dean*, B. R. Teare, *Director of Research* 1915

Case Institute of Technology, Cleveland, Ohio, T. Keith Glennan, *President (on leave)*, Elmer Hutchisson, *Dean and Acting President*, C. W. Williams, *Director of Research* 1913

Catholic University of America, Washington, D. C., Patrick J. McCormick, *Rector*, A. J. Scullen, *Dean*, F. A. Biberstein, *Director of Research* 1917

UNIVERSITY OF CINCINNATI, Cincinnati, Ohio, Raymond Walters, *President*, C. A. Joerger, *Dean*, F. O'Flaherty, *Director of Research* 1917

THE CITADEL, THE MILITARY COLLEGE OF SOUTH CAROLINA, Charleston, S. C., C. P. Summerall, *President*, L. S. LeTellier, *Head, Dept. of Engineering* 1914

CLARKSON COLLEGE OF TECHNOLOGY, Potsdam, N. Y., W. G. Van Note, *President*, W. J. Farrisee, *Dean*, T. S. Renzema, *Director of Research* 1938

Clemson Agricultural College, Clemson, S. C., Robert F. Poole, *President*, J. H. Sams, *Dean* 1913

COLORADO SCHOOL OF MINES, Golden, Colo., John W. Vanderwilt, *President*, M. I. Signer, *Dean*, V. L. Mattson, *Director of Research* 1929

Colorado Agricultural and Mechanical College, Fort Collins, Colo., W. E. Morgan, *President*, T. H. Evans, *Dean* 1923

* Active members shall be institutions which are eligible to participate in either or both the institutional membership Councils—the Engineering College Administrative Council or the Engineering College Research. Institutions appearing in bold face are members of both Councils. All others are members of E. C. A. C. only.

† In cases where a Director of Research is not listed, the Dean of the institution is the representative to the E. C. R. C.

University of Colorado, Boulder, Colo., Robert L. Stearns, *President*, C. L. Eckel, *Dean and Director, Engineering Experiment Station* 1915
Columbia University, New York City, Dwight D. Eisenhower, *President*, John R. Dunning, *Dean* 1923
University of Connecticut, Storrs, Conn., A. N. Jorgensen, *President*, F. L. Castleman, Jr., *Dean* 1941
THE COOPER UNION, New York City, Edwin S. Burdell, *President*, Norman L. Towle, *Dean* 1927
Cornell University, Ithaca, N. Y., Deane W. Malott, *President*, S. C. Hollister, *Dean*, C. W. deKiewiet, *Vice President for Research* 1913
Dartmouth College, Thayer School of Engineering, Hanover, N. H., John S. Dickey, *President*, W. P. Kimball, *Dean*, M. G. Morgan, *Director of Research* 1940
University of Delaware, Newark, Del., J. A. Perkins, *President*, M. G. Young, *Acting Dean*, A. P. Colburn, *Chairman, Engineering Experiment Station* 1916
University of Denver, Denver, Colo., Albert C. Jacobs, *Chancellor*, C. M. Knudson, *Dean*, G. O. G. Lof, *Director of Research* 1941
University of Detroit, Detroit, Mich., Rev. C. J. Steiner, *President*, C. J. Freund, *Dean*, C. Duncombe, *Director of Research* 1924
DREXEL INSTITUTE OF TECHNOLOGY, Philadelphia, Pa., James Creese, *President*, R. C. Disque, *Dean* 1914
DUKE UNIVERSITY, Durham, N. C., A. Hollis Edens, *President*, W. H. Hall, *Dean*, W. J. Seeley, *Director of Research* 1932
ECOLE POLYTECHNIQUE, Montreal, Quebec, Canada, Augustin Frigon, *President*, Ignace Brouillet, *Dean* 1917
FENN COLLEGE, Cleveland, Ohio, G. B. Earnest, *Dean* 1940
University of Florida, Gainesville, Fla., J. Hillis Miller, *President*, Joseph Weil, *Dean*, R. A. Morgen, *Director, Engineering Experiment Station* 1928
GEORGE WASHINGTON UNIVERSITY, Washington, D. C., Cloyd Heck Marvin, *President*, M. A. Mason, *Dean*, B. D. Van Evera, *Co-ordinator of Scientific Activities* 1913
Georgia Institute of Technology, Atlanta, Ga., B. R. Van Leer, *President*, J. W. Mason, *Dean*, G. A. Rosselot, *Director, State Engineering Experiment Station* 1913
The Graduate School of Engineering, Harvard University, Cambridge, Mass., James Bryant Conant, *President*, J. H. Van Vleck, *Dean* 1919
HOWARD UNIVERSITY, Washington, D. C., M. W. Johnson, *President*, L. K. Downing, *Dean* 1937
UNIVERSITY OF IDAHO, Moscow, Idaho, J. E. Buchanan, *President*, A. S. Janssen, *Dean and Director, Engineering Experiment Station* 1924
Illinois Institute of Technology, Chicago, Ill., J. T. Rettaliata, *President*, R. G. Owens, *Assistant Dean*, C. A. Arents, *Director of Research* 1921
University of Illinois, Urbana, Ill., George D. Stoddard, *President*, W. L. Everitt, *Dean* 1914
Iowa State College, Ames, Iowa, Charles E. Friley, *President*, J. F. Downie Smith, *Dean* 1913
State University of Iowa, Iowa City, Iowa, Virgil M. Hancher, *President*, F. M. Dawson, *Dean* 1914
JOHNS HOPKINS UNIVERSITY, Baltimore, Md., DetLev W. Bronk, *President*, W. B. Kouwenhoven, *Dean* 1921
Kansas State College of Agriculture and Applied Science, Manhattan, Kans., J. A. McCain, *President*, M. A. Durland, *Dean* 1917
The University of Kansas, Lawrence, Kans., Franklin D. Murphy, *Chancellor*, T. DeWitt Carr, *Dean*, J. O. Maloney, *Director, Research Foundation* 1914
University of Kentucky, Lexington, Ky., H. L. Donovan, *President*, D. V. Terrell, *Dean* 1925
LAFAYETTE COLLEGE, Easton, Pa., Ralph C. Hutchison, *President*, R. G. Crosen, *Dean* .. 1915
Lehigh University, Bethlehem, Pa., Martin D. Whitaker, *President*, H. A. Neville, *Executive Secretary of Executive Committee*, College of Engineering 1914
LOUISIANA POLYTECHNIC INSTITUTE, Ruston, La., R. L. Ropp, *President*, Roy T. Sessums, *Dean* 1949

Louisiana State University, University, La., Lt. Gen. Troy H. Middleton, *President,* L. J. Lassalle, *Dean,* H. A. Flanakin, *Director, Engineering Experiment Station* .. 1934

University of Louisville, Louisville, Ky., Philip Davidson, *President,* R. C. Ernst, *Dean, Speed Scientific School* 1925

Lowell Textile Institute, Lowell, Mass., Martin J. Lydon, *President,* G. Nathan Reed, *Dean of Faculty,* H. H. Webber, *Executive Director,* H. J. Ball, *Head, Dept. of Textile Engineering* 1951

University of Maine, Orono, Me., Arthur A. Hauck, *President,* A. S. Campbell, *Dean,* J. B. Calkin, *Director of Research* 1917

MANHATTAN COLLEGE, New York City, Rev. Bro. Bonaventure Thomas, *President,* Rev. Bro. A. Leo, *Dean* 1933

MARQUETTE UNIVERSITY, Milwaukee, Wis., Rev. Edward J. O'Donnell, *President,* William D. Bliss, *Dean* 1919

University of Maryland, College Park, Md., H. C. Byrd, *President,* S. S. Steinberg, *Dean,* W. J. Huff, *Director, Engineering Experiment Station* 1923

Massachusetts Institute of Technology, Cambridge, Mass., James R. Killian, Jr., *President,* T. K. Sherwood, *Dean* 1918

UNIVERSITY OF MASSACHUSETTS, Amherst, Mass., R. A. Van Meter, *President,* G. A. Marston, *Dean* 1950

MCGILL UNIVERSITY, Montreal, Quebec, Canada, F. Cyril James, *Prinipal,* J. J. O'Neil, *Dean* 1924

Michigan College of Mining and Technology, Houghton, Mich., Grover C. Dillman, *President,* F. L. Partlo, *Dean* 1914

Michigan State College, East Lansing, Mich., John A. Hannah, *President,* Lorin G. Miller, *Dean,* C. C. Dewitt, *Director of Research* 1933

University of Michigan, Ann Arbor, Mich., Alex G. Ruthven, *President,* George G. Brown, *Dean,* A. E. White, *Director, Engineering Research Institute* 1913

University of Minnesota, Minneapolis, Minn., James L. Morrill, *President,* A. F. Spilhaus, *Dean,* R. E. Montonna, *Director, Engineering Experiment Station* 1919

Mississippi State College, State College, Miss., Fred T. Mitchell, *President,* Harold Flinsch, *Dean* 1939

University of Mississippi, University, Miss., J. D. Williams, *Chancellor,* F. H. Kellogg, *Dean* 1951

University of Missouri, Columbia, Mo., F. A. Middlebush, *President,* H. O. Croft, *Dean* 1914

Missouri School of Mines and Metallurgy, Rolla, Mo., F. A. Middlebush, *President,* Curtis L. Wilson, *Dean* 1925

Montana School of Mines, Butte, Mont., J. R. Van Pelt, *President,* A. E. Adami, *Dean* 1938

Montana State College, Bozeman, Mont., R. R. Renne, *President,* E. W. Schilling, *Dean* 1923

University of Nebraska, Lincoln, Nebr., R. G. Gustavson, *Chancellor,* R. M. Green, *Dean* 1914

UNIVERSITY OF NEVADA, Reno, Nev., M. A. Love, *President,* S. G. Palmer, *Dean* 1943

NEWARK COLLEGE OF ENGINEERING, Newark, N. J., R. W. van Houten, *President,* W. Hazell, Jr., *Dean,* Joseph Joffe, *Acting Director of Research* 1922

University of New Hampshire, Durham, N. H., R. F. Chandler, Jr., *President,* L. E. Seeley, *Dean* 1923

NEW MEXICO COLLEGE OF A. & M. ARTS, State College, N. M., John W. Branson, *President,* M. A. Thomas, *Dean* 1917

University of New Mexico, Albuquerque, N. M., Tom L. Popejoy, *President,* M. E. Farris, *Dean* 1937

New York College of Ceramics at Alfred University, Alfred, N. Y., M. Ellis Drake, *President,* J. F. McMahon, *Dean,* W. G. Lawrence, *Acting Director of Research* .. 1938

THE COLLEGE OF THE CITY OF NEW YORK, New York, N. Y., H. N. Wright, *President,* William Allan, *Dean* 1940

New York University, New York, N. Y., Henry T. Heald, *Chancellor,* Thorndike Saville, *Dean,* H. K. Work, *Director of Research* 1913

North Carolina State College of the University of North Carolina, Raleigh, N. C., J. W. Harrelson, *Chancellor,* J. H. Lampe, *Dean* 1920

NORTH DAKOTA AGRICULTURAL COLLEGE, Fargo, N. D., Frederic S. Hultz, *President,* R. M. Dolve, *Dean* 1924

University of North Dakota, Grand Forks, N. D., John C. West, *President,* E. L. Lium, *Acting Dean,* E. L. Lium, *Director of Research* 1913

Northeastern University, Boston, Mass., Carl S. Ell, *President,* W. T. Alexander, *Dean* 1921

Northwestern University, Evanston, Ill., J. Roscoe Miller, *President,* O. W. Eshbach, *Dean,* P. E. Klopsteg, *Director of Research* 1939

NORWICH UNIVERSITY, Northfield, Vt., E. N. Harmon, *President,* P. D. Baker, *Dean* .. 1938

University of Notre Dame, Notre Dame, Ind., John J. Cavanaugh, *President,* Karl E. Schoenherr, *Dean* 1914

Ohio State University, The, Columbus, O., H. L. Bevis, *President,* Charles E. MacQuigg, *Dean* 1921

State University of Oklahoma, Norman, Okla., George L. Cross, *President,* W. H. Carson, *Dean,* L. H. Snyder, *Acting Director of Research* 1913

Oklahoma A. & M. College, Stillwater, Okla., Henry G. Bennett, *President,* E. R. Stapley, *Dean,* C. A. Dunn, *Director of Research* 1933

Oregon State College, Corvalis, Ore., A. L. Strand, *President,* G. W. Gleeson, *Dean,* S. H. Graf, *Director, State Engineering Experiment Station* 1917

The Pennsylvania State College, State College, Pa., M. S. Eisenhower, *President,* Eric A. Walker, *Dean, Director of Research* 1914

University of Pennsylvania, Philadelphia, Pa., Harold E. Stassen, *President:* Moore School of Electrical Engineering, Carl C. Chambers, *Acting Dean,* W. H. Boghosian, *Supervisor of Research* 1930

Towne Scientific School, L. N. Gulick, *Acting Dean* 1914

University of Pittsburgh, Pittsburgh, Pa., Rufus H. Fitzgerald, *Chancellor,* G. R. Fitterer, *Dean* 1913

PRATT INSTITUTE, Brooklyn, N. Y., Charles Pratt, *President,* N. S. Hibshman, *Dean,* H. R. Beatty, *Director of Research* 1939

Princeton University, Princeton, N. J., Harold Willis Dodds, *President,* K. H. Condit, *Dean* 1922

Purdue University, Lafayette, Ind., Frederick L. Hovde, *President,* A. A. Potter, *Dean* 1915

QUEEN'S UNIVERSITY, Kingston, Ont., Canada, W. A. Mackintosh, *President,* D. S. Ellis, *Dean* 1922

Rensselaer Polytechnic Institute, Troy, N. Y., L. W. Houston, *President,* Paul E. Hemke, *Dean,* W. T. Henry, *Chairman, Committee on Research* 1922

RICE INSTITUTE, Houston, Tex., William V. Houston, *President* 1924

University of Rhode Island, Kingston, R. I., Carl R. Woodward, *President,* T. S. Crawford, *Dean* 1913

University of Rochester, Rochester, N. Y., C. W. de Kiewiet, *President,* L. D. Conta, *Chairman,* L. B. Thompson, *Director of Coordinated Research* 1937

ROSE POLYTECHNIC INSTITUTE, Terre Haute, Ind., F. L. Wilkinson, Jr., *President,* Carl Wischmeyer, *Vice President* 1916

Rutgers University, New Brunswick, N. J., Lewis W. Jones, *President,* Elmer C. Easton, *Dean,* J. J. Slade, Jr., *Director, Engineering Experiment Station* 1914

ST. LOUIS UNIVERSITY, St. Louis, Mo., Paul C. Reinert, *President,* James B. Macelwane, *Dean* 1946

UNIVERSITY OF SANTA CLARA, Santa Clara, Calif., Rev. Herman J. Hauck, *President,* G. L. Sullivan, *Dean,* S. P. Walsh, *Director of Research* 1937

UNIVERSITY OF SOUTH CAROLINA, Columbia, S. C., Norman M. Smith, *President,* R. L. Sumwalt, *Dean,* H. W. Davis, *Chairman, Research Committee* 1943

SOUTH DAKOTA STATE COLLEGE OF A. & M. ARTS, Brookings, S. D., H. M. Crothers, *Acting President,* W. H. Gamble, *Acting Dean,* Emory Johnson, *Director of Research* 1924

South Dakota School of Mines and Technology, Rapid City, S. D., Warren E. Wilson, *President,* E. D. Dake, *Dean,* J. H. Cope, *Assoc. Dir. Experiment Station* 1926

University of Southern California, Los Angeles, Calif., Frederick D. Fagg, *President,* R. E. Vivian, *Dean,* S. F. Duncan, *Director of Research* 1938

SOUTHERN METHODIST UNIVERSITY, Dallas, Texas, Umphrey Lee, *President,* E. H. Flath, *Dean,* R. L. Biesele, Jr., *Director of Research* 1929

Stanford University, Stanford, Calif., J. E. W. Sterling, *President,* Frederick E. Terman, *Dean,* J. E. Hobson, *Director, Research Institute* 1917

Stevens Institute of Technology, Hoboken, N. J., Jess Harrison Davis, *President,* Waldo Shumway, *Dean,* F. S. Cutting, *Director of Research* 1913

Swarthmore College, Swarthmore, Pa., John W. Nason, *President,* John D. McCrumm, *Dean,* S. T. Carpenter, *Director of Research* 1921

Syracuse University, Syracuse, N. Y., William P. Tolley, *Chancellor,* Louis Mitchell, *Dean,* W. C. Wheadon, *Director of Research* 1913

University of Tennessee, Knoxville, Tenn., C. E. Brehm, *President,* N. W. Dougherty, *Dean,* G. H. Hickox, *Director of Research* 1921

A. & M. College of Texas, College Station, Tex., M. T. Harrington, *President,* H. W. Barlow, *Dean,* A. W. Melloh, *Vice Director of Research* 1916

Texas Technological College, Lubbock, Tex., D. M. Wiggins, *President,* D. E. Holcomb, *Dean,* R. C. Goodwin, *Director of Research* 1931

University of Texas, Austin, Tex., T. S. Painter, *President,* W. R. Woolrich, *Dean* .. 1919

University of Toledo, Toledo, Ohio, Asa Knowles, *President,* John B. Brandeberry, *Dean,* A. N. Solberg, *Director of Research* 1915

UNIVERSITY OF TORONTO, Toronto, Ont., Canada, Sidney E. Smith, *President,* K. F. Tupper, *Dean* 1917

Tufts College, Medford, Mass., Leonard Carmichael, *President,* H. P. Burden, *Dean* .. 1914

Tulane University of Louisiana, New Orleans, La., R. C. Harris, *President,* L. H. Johnson, *Dean* 1921

UNIVERSITY OF TULSA, Tulsa, Okla., C. I. Pontius, *President,* R. L. Langenheim, *Dean.* 1940

UNION COLLEGE, Schnectady, N. Y., Carter Davidson, *President,* H. W. Bibber, *Chairman, Division of Engineering* 1937

UNITED STATES COAST GUARD ACADEMY, New London, Conn., Rear Admiral A. G. Hall, *Supt.,* Capt. G. F. Hicks, *Head,* Engineering Dept. 1939

UNITED STATES NAVAL POSTGRADUATE SCHOOL, Monterey, Calif., Rear Admiral E. E. Herrmann, *Supt.,* R. S. Glasgow, *Dean* 1948

Utah State Agricultural College, Logan, Utah, L. L. Madsen, *President,* J. E. Christiansen, *Dean* 1940

University of Utah, Salt Lake City, Utah, A. R. Olpin, *President,* A. Leroy Taylor, *Dean,* J. H. Hamilton, *Director, Engineering Experiment Station* 1914

VANDERBILT UNIVERSITY, Nashville, Tenn., B. Harvie Branscomb, *Chancellor,* F. J. Lewis, *Dean,* E. E. Litkenhous, *Director of Research* 1914

UNIVERSITY OF VERMONT, Burlington, Vt., W. S. Carlson, *President,* Edd R. McKee, *Dean,* C. E. Braun, *Coordinator of Research* 1915

VILLANOVA COLLEGE, Villanova, Pa., Francis X. N. McGuire, *President,* J. Stanley Morehouse, *Dean,* M. J. Gillan, *Director of Research* 1921

VIRGINIA MILITARY INSTITUTE, Lexington, Va., Richard J. Marshall, *Superintendent,* S. W. Anderson, *Academic Executive* 1937

Virginia Polytechnic Institute, Blacksburg, Va., Walter S. Newman, *President,* Earle B. Norris, *Dean* 1924

UNIVERSITY OF VIRGINIA, University, Va., Colgate W. Darden, Jr., *President,* C. Henderson, *Dean,* R. M. Hubbard, *Director of Experiment Station* 1915

Washington University, St. Louis, Mo., Arthur H. Compton, *Chancellor,* Lawrence E. Stout, *Dean* 1914

State College of Washington, Pullman, Wash., William A. Pearl, *Acting President,* R. D. Sloan, *Dean,* R. L. Albrook, *Director, Division Industrial Research* 1924

University of Washington, Seattle, Wash., Raymond B. Allen, *President*, H. E. Wessman, *Dean*, F. B. Farquharson, *Director, Engineering Experiment Station* 1934
Wayne University, Detroit, Mich., David D. Henry, *President*, A. R. Carr, *Dean*, L. M. Patrick, *Director of Research* 1945
Webb Institute of Naval Architecture, Glen Cove, N. Y., Frederick E. Haeberle, *Administrator*, ..., *Dean* 1937
West Virginia University, Morgantown, W. Va., Irwin S. Stewart, *President*, R. P. Davis, *Acting Dean*, W. A. Koehler, *Director, Engineering Experiment Station* .. 1937
University of Wisconsin, Madison, Wis., Edwin B. Fred, *President*, M. O. Withey, *Dean*, K. F. Wendt, *Associate Director of Research* 1914
Worcester Polytechnic Institute, Worcester, Mass., Wat T. Cluverius, *President*, F. W. Roys, *Dean*, M. L. Price, *Director of Research* 1913
University of Wyoming, Laramie, Wyo., G. D. Humprey, *President*, H. T. Person, *Dean*, H. G. Fisk, *Director of Research* 1925
Yale University, New Haven, Conn., A. Whitney Griswold, *President*, W. J. Wohlenberg, *Dean* 1917

Associate Members *

Allis-Chalmers Manufacturing Company, Box 512, Milwaukee 1, Wisconsin, John Gammell, *Representative* 1952
The American Institute of Chemical Engineers, 50 East 41st St., New York, N. Y., Stephen Tyler, *Secretary* 1939
The American Society of Civil Engineers, 33 West 39th Street, New York, N. Y., W. H. Carey, *Secretary* 1939
American Technical Society, 848 East 58th Street, Chicago 37, Ill., D. N. McCarl, *Vice President* 1952
Caterpillar Tractor Company, Peoria 8, Ill., W. C. Van Dyck, 307 Catherine Street, Washington, Ill., *Representative* 1952
E. I. du Pont de Nemours & Company, Wilmington, Del., T. H. Chilton, *Representative* 1943
The Engineering Institute of Canada, 2050 Mansfield St., Montreal, Canada, L. Austin Wright, *Secretary* 1924
General Electric Company, 1 River Road, Schenectady, N. Y., Maynard M. Boring, *Representative* 1952
Harper & Brothers, 49 East 33rd Street, New York 16, N. Y., Kenneth B. Demaree, *Representative* 1952
Hercules Powder Company, Inc., Wilmington, Del., Emil Ott, *Representative* 1943
International Minerals & Chemical Corporation, Chicago 6, Ill., Paul D. V. Manning, *Vice President* 1952
International Nickel Company, Inc., 67 Wall Street, New York 5, N. Y., Forrest E. Allen, *Representative* 1952
International Textbook Company, 1001 Wyoming Avenue, Scranton 9, Pa., William W. Scranton, *Vice President* 1952
John Wiley & Sons, Inc., 440 Fourth Avenue, New York 16, N. Y., Edward P. Hamilton, *President* 1952
The Macmillan Company, 60 Fifth Avenue, New York 11, N. Y., Charles L. Skelley, *Representative* 1952
McGraw-Hill Book Company, Inc., 330 West 42nd Street, New York 18, N. Y., Stuart C. Dorman, *Representative* 1952
National Society of Professional Engineers, 1359 Connecticut Avenue, Washington 6, D. C., Paul H. Robbins, *Executive Director* 1947

* Associate members shall be professional organizations of engineers, research institutions, and industrial associations or organizations which have a major interest in engineering education.

Reinhold Publishing Corporation, 330 West 42nd Street, New York 18, N. Y., Fred P. Peters, *Vice President* 1952

Ronald Press Company, 15 East 26th Street, New York, N. Y., George W. Farnham, *Representative* 1952

Scott Paper Company, Front and Market Streets, Chester, Pa., A. F. Armstrong, *Representative* 1952

Standard Oil Company (Indiana), 910 South Michigan Avenue, Chicago 80, Ill., J. K. Roberts, *Representative* 1952

Tau Beta Pi Association, Knoxville, Tenn., Merton M. Cory, *President*, Robert H. Nagel, *Secretary-Treasurer* 1949

Tennessee Eastman Corporation, Kingsport, Tenn., J. C. Stone, *Vice President* 1948

Westinghouse Electric Corporation, 306 Fourth Avenue, Pittsburgh, Pa., H. N. Muller, Jr., *Representative* 1952

West Penn Power Company, 14 Wood Street, Pittsburgh 22, Pa., H. K. Breckenridge, *Vice President* 1952

American Telephone & Telegraph Company, 195 Broadway, New York 7, N. Y., Donald S. Bridgeman, *Representative* 1952

Affiliate Members †

Academy of Aeronautics, Inc., La Guardia Field, New York, N. Y., Charles S. Jones, *President*, Lee D. Warrendor, *Dean*, W. M. Hartung, *Director of Research* 1949

The Aeronautical University, Inc., Chicago, Ill., Lewis M. Churbuck, *President*, Alfred F. Stott, *Dean*, Leland W. Sims, *Director of Engineering Training* 1948

Arkansas Polytechnical College, Russellville, Ark., J. W. Hull, *President*, A. S. Turner, *Dean* 1940

Bradley University, Peoria, Ill., D. B. Owen, *President*, R. E. Gibbs, *Dean* 1943

Bridgeport Engineering Institute, Bridgeport 4, Conn., John Shallenberger, *Secretary* 1945

Buffalo, University of, Buffalo, N. Y., T. Raymond McConnell, *Chancellor*, Paul E. Mohn, *Head of Engineering* 1946

Cal-Aero Technical Institute, Glendale, Calif., C. C. Moseley, *Chairman of Board*, R. O. Denny, *President*, John L. Dickinson, *Head, Engineering School* 1949

Chrysler Institute of Engineering, Detroit, Mich., James C. Zeder, *President*, L. R. Baker, *Director* 1943

Franklin Technical Institute, Boston, Mass., B. K. Thorogood, *Director*, R. G. Adams, *Supervisor of Instruction* 1940

University of Hawaii, Honolulu, T. H., G. M. Sinclair, *President*, W. J. Holmes, *Dean of Applied Science* 1923

Kansas State Teachers College, Pittsburgh, Kansas, Rees H. Hughes, *President*, J. A. G. Shirk, *Engineering Advisor* 1937

Milwaukee School of Engineering, Milwaukee, Wis., Karl O. Werwath, *President*, F. J. Van Zeeland, *Dean* 1943

New York State Agricultural and Technical Institute of Alfred University, Alfred, N. Y., Charles Garside, *Acting President*, P. B. Orvis, *Dean* 1943

Northrop Aeronautical Institute, Hawthorne, Calif., James L. McKinley, *Managing Director*, H. R. Filson, *Training Director* 1949

Nova Scotia Technical College, Halifax, Nova Scotia, A. E. Cameron, *President*, A. E. Flynn, *Chairman of Studies* 1950

Ohio Mechanics Intitute, Cincinnati, Ohio, Harold P. Rodes, *President*, P. K. Johnston, *Head of Engineering* 1940

Ohio Northern University, Ada, Ohio, Bringle McIntosh, *President*, Lawrence H. Archer, *Dean* 1937

† Affiliate members shall be other educational institutions engaged in technical instruction which have one or more curricula accredited by ECPD or which are accredited by a major regional educational association.

UNIVERSITY OF OMAHA, Omaha, Neb., Milo Bail, *President*, C. W. Helmstadter, *Dean*. 1951

UNIVERSITY OF PUERTO RICO, Rio Piedras, P. R., Jaime Benitez, *Chancellor*, Luis Stefani, *Dean* 1920

PRAIRIE VIEW AGRICULTURAL AND MECHANICAL COLLEGE, Prairie View, Texas, E. B. Evans, *President*, C. L. Wilson, *Dean*, G. R. Woolfolk, *Director of Research* 1948

RCA INSTITUTES, INC., 350 W. 4th St., New York 14, N. Y., G. L. Van Deusen, *President* 1951

SAN JOSE STATE COLLEGE, San Jose, Calif., T. W. MacQuarrie, *President*, Ralph Smith, *Head of Engineering* 1946

SINCLAIR COLLEGE, 117 W. Monument St., Dayton, Ohio, C. C. Bussey, *Director*, C. Carlton Perry, *Dean* 1946

SOUTHWESTERN LOUISIANA INSTITUTE, Lafayette, La., Joel L. Fletcher, *President*, G. G. Hughes, *Dean* 1944

TEXAS COLLEGE OF ARTS & INDUSTRIES, Kingsville, Texas, E. H. Poteet, *President*, F. H. Dotterweich, *Director* 1937

WENTWORTH INSTITUTE, 550 Huntington Ave., Boston, Mass., F. E. Dobbs, *Principal*, A. S. Hogan, *Supervisor of Research Development* 1951

WESTINGHOUSE TECHNICAL NIGHT SCHOOL, East Pittsburgh, Pa., R. A. McPherson, *Manager* 1924

TOTAL MEMBERS

	Feb. 1950	Feb. 1951	Feb. 1952
Individual Members	6,517	6,795	6,940
Institutional Members			
Active	143	141	145
Associate	7	8	26
Affiliate	25	27	27
	175	176	198

Note: Use of information obtained from this directory for mailing of advertising literature is prohibited without the special approval of the Executive Board of the Society.

INDIVIDUAL MEMBERS

Revised to November 1, 1951

AAKHUS, THEODORE, Professor of Engineering Drawing, University of Nebraska, Lincoln, Nebr. 1933.

ABBOTT, H. PAUL, Director of Education, North America Companies, Philadelphia, Pa. 1949.

ABBOTT, JOHN P., Dean of Arts and Sciences, Texas A. & M. College, College Station, Texas. 1951.

ABBOTT, WILLIAM, Ministry of Education, Belgrave Square, London, England. 1945.

ABBOTT, WILTON R., North American Aviation, Inc., Dept. 93-75, 12214 Lakewood Blvd., Downey, Calif. 1945.

ABBUHL, FRED, Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1939.

ABRAHAM, GEORGE, Head, Science Education Section, Naval Research Laboratory, Washington, D. C., and Lecturer, University of Maryland, College Park, Md. 1949.

ABRAMOWITZ, ABRAHAM, Assistant Professor of Electrical Engineering, City College of New York, New York, N. Y. 1951.

ABRAMS, JOEL I., Instructor in Civil Engeering, Johns Hopkins University, Baltimore, Md. 1951.

ABUL-FETOUH, ABDEL-HADI, Lecturer, College of Engineering, Farouk El-Awal University, Alexandria, Egypt. 1950.

ACKENHEIL, ALFRED C., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1941.

ACKER, DAVID D., Des. Engr., Aerophysics Laboratory, 93–33, North American Aviation, Inc., Downey, Calif. 1948.

ACKER, SIDNEY H., Professor and Head, Dept. of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1948.

ACKERMAN, CORNELIUS C., Assistant Professor of Civil Engineering, University of Toledo, Toledo, Ohio. 1948.

ACKERT, HUGH P., Assistant Professor of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1945.

ACOCK, GEORGE W., Product Engineer, Rome Cable Co., Rome, N. Y. 1950.

ACTON, FRANK J., Associate Professor of Mechanical Engineering, Tri-State College, Angola, Ind. 1951.

ACTON, STANLEY M. 1949.

ADAMI, ARTHUR E., Vice President and Dean and Professor of Mining Engineering, Montana School of Mines, Butte, Mont. 1943.

ADAMS, ARTHUR S., President, American Council on Education, 1785 Mass. Ave., N. W., Washington 6, D. C. 1931.

ADAMS, CLIFFORD L., Associate Professor of Physics, Union University, Jackson, Tenn. 1948.

ADAMS, DOUGLAS P., Associate Professor of Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1941.

ADAMS, FRANCIS J., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1912.

ADAMS, HENRY C., Associate Professor of Naval Architecture and Marine Engineering, University of Michigan, Ann Arbor, Mich. 1940.

ADAMS, HENRY P., Professor and Director of Technical Training, Oklahoma A. & M. College, Stillwater, Okla. (*Member of Council, 1951–53.*) 1947.

ADAMS, LESLIE K., Instructor in Electrical Engineering, University of Kentucky, Lexington, Ky. 1950.

ADAMS, OTTO V., Professor of Civil Engineering, Texas Technological College, Lubbock, Texas. 1930.

ADAMS, RALPH G., In charge of Day Courses, Franklin Technical Institute, Boston, Mass. 1940.

ADAMS, RAYMOND F., Assistant Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1950.

ADAMS, STALEY F., Assistant Professor of General Engineering, University of Kentucky, Lexington, Ky. 1949.

ADAMS, THOMAS C., 242 S. 12th St. E., Salt Lake City, Utah. 1930.

ADAMS, WILLIAM E., Director of Instruction, School of Engr., North Carolina State College, Raleigh, N. C. 1939.

ADAMSON, GEORGE A., Dean, College of Engineering, Adamson University, Manila, Philippines. 1948.

ADDISON, ARNOLD, Associate Professor and Personnel Director, Ordnance Research Laboratory, Pennsylvania State College, State College, Pa. 1950.

ADKINS, HOWARD E., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

ADLER, FELIX T., Associate Professor of Physics, Carnegie Institute of Technology, Pittsburgh, Pa. 1951.

AGGELER, CECIL J., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1951.

AGTHE, FREDERICK T., Process Engineer, Allis-Chalmers Mfg. Co., Milwaukee 1, Wis. 1944.

AHERN, JOHN J., Professor and Director of Fire Protection and Safety Engineering, Illinois Institute of Technology, Chicago, Ill. 1948.

AHLBERG, CLARK D., Assistant Dean, College of Applied Science, Syracuse University, Syracuse, N. Y. 1951.

AHLQUIST, ROBERT W., Associate Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1929.

AHMAD, ZAKI UDDIN, Assistant Professor of Electrical Engineering, Thomason College of Engineering, Roorkee, India. 1948.

AHUJA, VICTOR B., Director General and Head of Civil Engineering School, Instituto Tecnologico de Monterrey, Monterrey, N. L., Mexico. 1950.

AIDALA, JOSEPH B., Instructor in Electrical Engineering, City College of New York, New York, N. Y. 1947.

AIKELE, CARL M., Instructor in Chemistry and Chemical Engineering, Purdue University, Lafayette, Ind. 1947.

AIKEN, HECTOR H., Instructor in Mechanical Engineering on leave 1950–51, Stanford University, Stanford, Calif. (807 California, Urbana, Ill.) 1950.

AIKEN, WILLIAM A., Professor of History, Lehigh University, Bethlehem, Pa. 1951.

AIKIN, HENRY B., Associate Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1937.

AIKMAN, JAMES B., Assistant Professor of Drawing Mechanics & Design, University of Buffalo, Buffalo, N. Y. 1948.

AIRD, C. CLIFTON, Assistant Professor of Geology, Michigan College of Mining and Technology, Houghton, Mich. 1949.

AJAX, FRED W., Associate Dean of Students, Georgia Institute of Technology, Atlanta, Ga. 1949.

AKERMAN, JOHN D., Professor and Head, Department of Aeronautical Engineering, University of Minnesota, Minneapolis 14, Minn. 1931.

AKERMAN, JOSEPH R., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis. 1947.

AKESSON, NORMAN B., Lecturer, Agricultural Engineering Dept., University of California, Davis, Calif. 1951.

AKEY, WAYNE W., Grad. Student, University of California, Berkeley 4, Calif. (Home: 520 Pleasant Hill Road, Concord, Calif.) 1944.

ALBACH, WALTER H., Lecturer in General Engineering, University of Southern California, Los Angeles, Calif. 1950.

ALBERT, ARTHUR L., Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1929.

ALBERTSON, MAURICE L., Head, Fluid Mechanics Research and Professor of Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1946.

ALBRECHT, CARL F., Assistant Professor of Agricultural Engineering, Michigan State College, East Lansing, Mich. 1949

ALBRIGHT, JOHN G., Professor and Head, Dept. of Physics, University of Rhode Island, Kingston, R. I. 1944.

ALBRIGHT, PENROSE S., Professor and Head of Physics, University of Wichita, Wichita, Kans. 1932.

ALBROOK, R. L., Director, Division of Industrial Research, Washington State College, Pullman, Wash. 1949.

ALDRICH, BENJAMIN M., Associate Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1932.

ALDRICH, H. LAMAR, Box 337, Okemos, Mich. 1946.

ALEJANDRE, BLAS A., Major, Dept. of Engrg., Philippine Military Academy, Camp Allen Baguio, P. I. 1946.

ALEXANDER, DONALD C., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1944.

ALEXANDER, LOWELL M., Professor of Physics, University of Cincinnati, Cincinnati, Ohio 1948.

ALEXANDER, NICHOLAS, Dean, Holy Trinity Orthodox Seminary, Jordanville, N. Y. 1937.

ALEXANDER, WILLIAM T., Dean of Engineering, Northeastern University, Boston 15, Mass. 1946.

ALGER, PHILIP L., Consulting Engineer, Small and Medium Motors Dept., General Electric Company, Schenectady, N. Y. 1925.

ALGREN, AXEL B., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929.

ALI, AHMIN, Instructor in Civil Engineering, Ohio University, Athens, Ohio. 1951.

ALI, HAKIM, Punjab College of Engineering, Lahore, West Pakistan. 1948.

ALLAN, WILLIAM, Dean, School of Technology, College of the City of New York, New York City. (*Member of Council, 1951–53.*) 1935.

ALLBRITTON, JACK H., Technical Instructor, Vocational Dept., University of Houston, Houston, Texas. 1949.

ALLEE, DAVID W., Assistant Director for Ind.-Tech. Ed., Long Island Agric. & Tech. Institute, Farmingdale, N. Y. 1950.

ALLEN, ALFRED W., Associate Professor of Ceramic Engineering, University of Illinois, Urbana, Ill. 1950.

ALLEN, CHESTER L., Prof. Emeritus, Civil Eng., Mich. State College, East Lansing, Mich. (Home: P. O. Box 195, Olivet, Mich.) 1917.

ALLEN, FORREST E., Development and Research Division, The International Nickel Company, Inc., 67 Wall Street, New York 5, N. Y. 1943.

ALLEN, GEORGE M., Professor of Graphics, Columbia University, New York, N. Y. 1941.

ALLEN, JOHN E., Professor and Acting Head, Geology Dept., New Mexico School of Mines, Socorro, N. M. 1951.

ALLEN, PHILIP, Assistant Professor of Mechanical Engineering, Villanova College, Villanova, Pa. 1949.

ALLEN, ROBERT L., Associate Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1937.

ALLEN, RUSSELL B., Professor of Civil Engineering, University of Maryland, College Park, Md. 1937.

ALLEN, SHIBLI C., Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

ALLEN, STUART C., Assistant Professor and Head of Engineering Drawing, Champlain College, Plattsburg, N. Y. 1947.

ALLEN, VICTOR T., Professor and Director, Dept. of Geology and Geological Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

ALLERDING, JOHANNA E., Librarian, Engineering Library, University of California, Los Angeles, Calif. 1948.

ALLISON, NATHAN B., Instructor in Electrical Engineering, University of Kentucky, Lexington, Ky. 1948.

ALLISON, WILLIAM H., Professor and Head, Dept. of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1928.

ALLMAN, JAMES M., Assistant Professor of Mechanical Engineering, University of Delaware, Newark, Del. 1949.

ALMSTEAD, FRANCIS E., Assistant to Executive Dean, State University of New York, Albany, 1 N. Y. 1943.

ALMY, LOREN B., Associate Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1941.

ALPERN, MILTON, Instructor in Civil Engineering, The Cooper Union, New York, N. Y. 1949.

ALSMEYER, WILLIAM C., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1943.

ALT, GLENN L., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1948.

ALTMAN, H. SANFORD, Instructor in Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1946.

ALTPETER, ROGER J., Professor of Chemical Engineer, University of Wisconsin, Madison, Wis. 1947.

ALVORD, HERBERT H., Assistant Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

AMARAL DE MATTOS, JOSE ZACHARIAS, Professor of Technical Drawing, Escola Nacional de Engenharia, Largo de Sao Francisco, Rio de Janeiro, D. F., Brazil. 1946.

AMBERG, CHARLES R., Head, Research Dept., N. Y. State College of Ceramics, Alfred, N. Y. 1941.

AMBROSE, HARRY H., Assistant Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa. 1949.

AMBROSIO, ALPHONSO, Assistant Engineer, College of Engineering, University of California, Los Angeles, Calif. 1950.

AMBROSIUS, EDGAR E., Professor of Mechanical Engineering, The Pennsylvania State College, State College, Pa. 1941.

AMELOTTI, EMIL, Professor of Mathematics, Villanova College, Villanova, Pa. 1947.

AMICK, ERWIN H., JR., Associate Dean, School of Engg., Columbia University, New York City. 1946.

AMIDON, LEE L., Professor and Head, Dept. of Mechanical Engineering, South Dakota State College, Brookings, S. D. 1928.

AMISS, JOHN M., Director, Industrial Education, Chrysler Corporation, Detroit, Mich. 1945.

AMORES, JOSE E., Chemical Engineering, Director of the Escuela Preparatoria, Tecnologico de Monterrey, Monterrey, N. L., Mexico. 1950.

AMOS, HAROLD C., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1949.

AMRINE, HAROLD T., Associate Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1947.

AMSTEAD, BILLY H., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1949.

ANASTASSIADIS, DIMITRIOS T., Civil Engineer, 41 Stournara St., Athens, Greece. 1948.

ANDEEN, JOHN W., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

ANDERSEN, PAUL, Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1934.

ANDERSON, ALBERT W., Professor and Chairman, Dept. of Mechanical Engineering, North Dakota Agricultural College, Fargo, N. D. 1945.

ANDERSON, ALVIN G., Asst. Prof. in Civil Engineering, University of Minnesota, Minneapolis, Minn. 1947.

ANDERSON, C. EDWARD, Professor of Mechanical Engineering, University of Miami, Coral Gables, Fla. 1928.

ANDERSON, CLAIRE A., Professor of Engineering and Head of Center, University of Pittsburgh, Johnstown Center, Johnstown, Pa. 1926.

ANDERSON, CLIFFORD O., Associate Professor of Mechanical Engineering, North Dakota Agricultural College, Fargo, N. D. 1943.

ANDERSON, CLIFTON A., Professor of Industrial Engineering, Pennsylvania State College, State College, Pa. 1950.

ANDERSON, EDWIN M., Assistant Professor of Electrical Engineering, North Dakota Agricultural College, Fargo, N. D. 1951.

ANDERSON, ERNEST W., Professor of Math. and Research Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1950.

ANDERSON, FRANK A., Chairman, Dept. of Chemistry and Chemical Engineering, University of Mississippi, University, Miss. 1944.

ANDERSON, FREDERICK A., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1948.

ANDERSON, HOWARD B., Assistant Professor of Mathematics, Michigan College of M. & T., Houghton, Mich. 1947.

ANDERSON, JAMES H., Assistant Professor of Mechanical Engineering, San Jose State College, San Jose 14, Calif. 1947.

ANDERSON, JEAN A., Assistant Professor of Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. 1948.

ANDERSON, JOHN, Professor of Civil Engineering, The Citadel, Charleston, S. C. 1936.

ANDERSON, JOHN R., Instructor in Drawing, University of Minnesota, Minneapolis, Minn. 1950.

ANDERSON, LE ROY T., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

ANDERSON, PAUL V., Assistant Professor of Mathematics, Michigan College of M. & T., Houghton, Mich. 1946.

ANDERSON, REIDAR L., Assistant Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1945.

ANDERSON, RICHARD D., Associate Professor and Head, Engineering Shops, South Dakota State College, Brookings, S. D. 1947.

ANDERSON, ROBERT E., Assistant Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1948.

ANDERSON, SVEN A., Professor of Management Engineering and Economics, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

ANDERSON, VINCENT W., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1950.

ANDERSON, WALTER T., Instructor in Electrical Engineering, Michigan College of M. & T., Houghton, Mich. 1946.

ANDES, AMMON S., Associate Professor of Aeronautical Engineering, University of Kansas, Lawrence, Kans. 1937.

ANDOLINA, ANTHONY U., 11 Cushing St., Fredonia, N. Y. 1948.

ANDREASSEN, ALEXANDER T., Assistant Professor of Engineering Mechanics, Pennsylvania State College, State College, Pa. 1943.

ANDREWS, ANDREW I., Professor and Head, Dept. of Ceramic Engineering, University of Illinois, Urbana, Ill. 1943.

ANDREWS, ANTHONY H., Instructor, Engineering Drafting, West Virginia State College, Institute, W. Va. 1948.

ANDREWS, GORDON O., Assistant Director, Employee Relations, E. I. du Pont de Nemours and Co., Inc., Wilmington, Del. 1942.

ANGELO, ERNEST J., JR., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1945.

ANGERMANN, WILLIAM G., Associate Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1937.

ANKRUM, PAUL D., Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1947.

ANNER, GEORGE E., Assistant Professor of Electrical Engineering, New York University, New York, N. Y. 1948.

ANSELMINI, LUDWIG, Assistant Prof. Manufacturing Processes. 1948.

ANTEL, JEROME S., JR., Assistant Professor in Electrical Engineering, George Washington University, Washington, D. C. 1948.

ANTONI, CHARLES M., Associate Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1946.

ANTZES, HERBERT L. 1948.

APPELGATE, JAMES M., Lecturer in General Engineering, University of Southern California, Los Angeles, Calif. 1947.

APPLE, JAMES M., Associate Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1946.

APPLE, ROBERT E., Assistant Professor of Civil Engineering, University of Texas, Austin, Texas. 1948.

APPLEBY, ALFRED N., Assistant Professor of Drafting, College of the City of New York, New York City. 1940.

ARCHER, LAWRENCE H., Dean, College of Engineering, and Head, Civil Engineering Dept., Ohio Northern University, Ada, Ohio. 1949.

ARCHER, LUTHER B., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1944.

ARCHER, OSCAR B., Dean, Lamar State College of Technology, Beaumont, Texas. 1951.

ARDUSER, LEON P., Senior Training Officer, U. S. Veterans Administration, Montgomery, Ala. 1925.

ARENDT, JOHN, JR., Assistant Professor of Structural Engineering, Fenn College, Cleveland, Ohio. 1947.

ARENTS, CHESTER A., Professor of Mechanical Engineering, and Coordinator of Research, Illinois Institute of Technology, Chicago, Ill. 1946.

ARIES, ROBERT S., Adjunct Professor of Chemical Engineering, Polytechnic Institute of Brooklyn, N. Y. 1948.

ARLIN, MARSHALL N., Head, Industrial Electronics, Wentworth Institute, Boston, Mass. 1946.

ARM, DAVID L., Dean Emeritus, School of Engineering, University of Delaware, Newark, Del. 1934.

ARMENTO, WILLIAM J., Instructor in Civil Engineering, Polytechnic Institute of Brooklyn, N. Y. 1947.

ARMINGTON, RALPH E., Assistant Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1949.

ARMSBY, HENRY H., Associate Chief for Engineering Education, U. S. Office of Education, Washington 25, D. C. (*Member of Council, 1938–41, 1947–48; Vice President, 1949–51.*) 1917.

ARMSTRONG, EDWIN H., Professor of Electrical Engineering, Columbia University, New York City. 1937.

ARMSTRONG, W. H., Associate Professor of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1937.

ARMSTRONG, WILLARD P., Associate Professor of Chemical Engineering, Washington University, St. Louis 5, Mo. 1949.

ARNOLD, CHRISTIAN K., Instructor in English, University of Colorado, Boulder, Colo. 1948.

ARNOLD, DONALD S., Assistant Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1947.

ARNOLD, ISAAC, Vice President, Quintana Petroleum Corporation, Houston, Texas. 1949.

ARNOLD, J. ELWOOD, Manager, Ordnance Aerophysics Laboratory, Consolidated Vultee Air Corp., Daingerfield, Rt. 1, Texas. 1938.

ARNOLD, JOHN E., Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

ARNOLD, J. NORMAN, Associate Professor of General Engineering, Purdue University, Lafayette, Ind. 1933.

ARTHUR, GEORGE R., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1951.

ARTLEY, JOHN L., Assistant Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1949.

ASHE, BOWMAN F., President, University of Miami, Coral Gables, Florida. 1950.

ASHTON, NED L., Associate Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa. 1945.

ASSINI, LEWIS T., Assistant Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

ASTILL, KENNETH N., Assistant Professor of Mechanical Engineering, Tufts College, Medford, Mass. 1948.

ATKINS, JACK W., Instructor in Engineering, Weber College, Ogden, Utah. 1951.

ATKINSON, FREDERICK G., Vice President for Personnel, R. H. Macy & Co., Inc., New York 1, N. Y. 1937.

ATKINSON, MARGARET B., Assistant Professor of Engineering Drawing, Texas Technological College, Lubbock, Texas. 1937.

ATTWOOD, STEPHEN S., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1926.

ATWOOD, FRANCES, Assistant Librarian, Northeastern University, Boston, Mass. 1951.

ATWOOD, L. L., Professor and Head, Dept. of Language and History, Worcester Polytechnic Institute, Worcester, Mass. 1939.

AUBERT, BROTHER J., Associate Professor of Civil Engineering and Assistant to Dean of Engineering, Manhattan College, New York City. 1935.

AUBURN, NORMAN P., President, University of Akron, Akron 4, Ohio. 1942.

AULT, E. STANLEY, Professor of Machine Design, Purdue University, Lafayette, Ind. 1925.

AUPPERLE, GLEN L., Instructor in Mechanical Engineering. 1948.

AUSTIN, ALLEN A., Coordinator of Vocational Education, Whittier Union High School, Whittier, Calif. 1945.

AUTEN, LLOYD D., Consulting Engineer, R.F.D. No. 3, Fredericktown, Ohio. 1948.

AUTENREITH, GEORGE C., Professor and Chairman, Dept. of Drafting, College of the City of New York, New York City. 1927.

AUTH, GEORGE H., Associate Professor of Mechanical Engineering, Villanova College, Villanova, Pa. 1944.

AVENT, JOHN M., Prof. of Industrial Engrg., Ga. Inst. of Tech., Atlanta, Ga. 1948.

AVERITT, WILLIAM K., Assistant Professor of Chemical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1951.

AVERY, DON E., Instructor in General Engineering, University of Washington, Seattle, Wash. 1948.

AVIL, RICHARD D., Associate Professor and Chairman, Physics Department, Pennsylvania Military College, Chester, Pa. 1948.

AVILA, FRANK W., Assistant Professor of Tech. Inst., Purdue University, Fort Wayne, Ind. 1948.

AX, LELAND S., Professor and Head, Radio Engineering, Tri-State College, Angola, Ind. 1943.

AYERS, JOSEPH A., Associate Professor and Head, Dept. of English, University of Louisville, Louisville, Ky. 1939.

AYERS, MAURICE T., Professor of General Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1948–50.*) 1938.

AYLOR, MELVIN W., Assistant Professor of Engineering, University of Virginia, University, Va. 1946.

AYRE, ROBERT S., Acting Associate Professor of Mechanical Engineering, Stanford University, Stanford University, Calif. 1939.

AYRES, EDMUND D., Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1934.

AYRES, QUINCY C., Assistant to the President, Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. 1926.

AZPELL, EDWARD W., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1945.

BAARS, ERNST S. H., Professor and Head, Dept. of Refrigeration Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

BABB, DANIEL S., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1950.

BABBITT, HAROLD E., Professor of Sanitary Engineering, University of Illinois, Urbana, Ill. 1922.

BABCOCK, HENRY A., Assistant Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1947.

BABCOCK, JOHN B., Professor of Railway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1923.

BABCOCK, M. M., Professor of Industrial Engineering, Pennsylvania State College, State College, Pa. 1936.

BABCOCK, WILLARD F., Associate Professor of Civil Engineering, North Carolina State College, Raleigh, N. C. 1946.

BACCUS, IRA B., Professor and Head, Department of Electrical Engineering, Michigan State College, East Lansing, Mich. 1942.

BACH, ARTHUR E., Placement Director, Case Institute of Technology, Cleveland, Ohio. 1950.

BACH, GEORGE L., Dean, Graduate School of Industrial Administration, Carnegie Institute of Technology, Pittsburgh, Pa. 1951.

BACHA, CHARLES P., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1948.

BACHMAN, CHARLES L., Instructor in Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

BACHRACH, WILLIAM, Director of Education, Chicago Technical College, Chicago, Ill. 1947.

BACKER, LESLIE H., Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J. 1930.

BACON, PAUL A., Instructor in Drawing and Mechanics, University of Buffalo, Buffalo, N. Y. 1948.

BACON, RINALDO A., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1939.

BADLEY, JOY E., President, Tractor Training Service, 406 Panama Bldg., Portland 4, Ore. 1944.

BAER, CHARLES J., Assistant Professor of Engineering Drawing, University of Kansas, Lawrence, Kans. 1951.

BAEUMLER, HOWARD W., Instructor in Mathematics, University of Buffalo, Buffalo, N. Y. 1951.

BAGBY, LLOYD C., Professor and Head, Depts. of Mathematics and Industrial Engineering, Lawrence Institute of Technology, Detroit 3, Mich. 1947.

BAHLI, FREDDY, Massachusetts Institute of Technology, Graduate House, Cambridge 39, Mass. 1950.

BAHME, CHARLES W., U.S.N.R., O.P. 44, Navy Dept., Washington, D. C. 1949.

BAILEY, ALBERT D., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1943.

BAILEY, ALEX D., Vice President, Commonwealth Edison Co., 72 W. Adams St., Chicago, Ill. 1943.

BAILEY, ALSON H., Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1948.

BAILEY, ARTHUR P., Associate Professor of Industrial Engineering, University of New Mexico, Albuquerque, N. M. 1946.

BAILEY, BENJ. F., Professor Emeritus of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1920.

BAILEY, JOEL F., Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1943.

BAILEY, NEIL P., Professor and Head, Dept. of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1930.

BAILEY, RALPH E., Electrical Engineer, Television Terminal Equipment, RCA, Camden, N. J. 1943.

BAILEY, THOMAS R., Instructor in Electrical Engineering, University of Louisville, Louisville, Ky. 1949.

BAINER, ROY, Professor and Head, Division of Agricultural Engineering, University of California, Davis, Calif. 1933.

BAIRD, JOHN, Associate Professor of Electrical Engineering, University of Wisconsin, Madison 6, Wis. 1946.

BAKALER, ARNOLD J., Instructor in Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1947.

BAKENHUS, R. E., Rear Admiral, U.S.N., Retired. Secretary Emeritus, American Institute of Consulting Engineers, 51 5th Ave., New York, 3 N. Y. 1949.

BAKER, CHESTER P., Professor and Chairman, Dept. of Chemical Engineering, Northeastern University, Boston, Mass. 1926.

BAKER, H. DEAN, Associate Professor of Mechanical Engineering, Columbia University, New York City. 1943.

BAKER, JOHN B., Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

BAKER, JOHN F., Professor of Mechanical Sciences and Head, Dept. of Engineering, Cambridge University, Cambridge, England. 1945.

BAKER, JOHN L., Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1947.

BAKER, LEE R., Director, Chrysler Institute of Engineering, Detroit, Mich. 1946.

BAKER, MERL, Assistant Professor of Mechanical Engineering, University of Kentucky, Lexington, Ky. 1951.

BAKER, OLLIE J., Director, Low-Cost Housing Research, Louisiana State University, University, La. 1947.

BAKER, RALPH D., Professor of Aeronautical Engineering, University of Utah, Salt Lake City, Utah. 1940.

BAKER, RAY P., Vice President, Rensselaer Polytechnic Institute, Troy, N. Y. 1919.

BAKER, ROBERT H., Director of Graduate School and of Industries Training School, Stevens Institute of Technology, Hoboken, N. J. 1943.

BAKER, THOMAS E., Associate Professor and Executive Officer of Social Studies, Case Institute of Technology, Cleveland, Ohio. 1951.

BAKER, WILFRED H., Associate Professor of Civil Engineering, West Virginia University, Morgantown, W. Va. 1944.

BALBER, AMNON, Instructor, Technical Dept., Central Radio and Television Schools, Kansas City, Mo. 1950.

BALDO, ANTONIO F., Lecturer in Mechanical Engineering, College of the City of New York, New York, N. Y. 1949.

BALDWIN, EDWARD N., George Westinghouse Professor of Production Engineering, Pennsylvania State College, State College, Pa. 1946.

BALINKIN, ISAY, Associate Professor of Physics, University of Cincinnati, Cincinnati, Ohio. 1948.

BALINT, ANTHONY T., Associate Professor of Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1942.

BALL, W. H. WARREN, Instructor in Electrical Engineering, University of Buffalo, N. Y. 1950.

BALLARD, JOHN H., Assistant Professor of Chemical Engineering, University of Southern California, Los Angeles, Calif. 1950.

BALLARD, STANLEY S., Professor and Chairman, Dept. of Physics, Tufts College, Medford, Mass. 1947.

BALLEISEN, CHARLES E., Supervisor, Mechanical Lab., Southwest Research Institute, San Antonio, Texas. 1947.

BALLIS, ROBERT J., Instructor in Civil Engineering, Newark College of Engineering, Newark, N. J. 1949.

BALYEAT, RALPH E., Assistant Professor of General Engineering, Purdue University, Lafayette, Ind. 1948.

BAMFORTH, FREDERIC R., Professor of Mathematics, Ingoldsby, Ontario, Canada. 1943.

BANCHERO, JULIUS, Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

BANGS, JOHN R., Director of Personnel and Industrial Relations, Edward G. Budd Mfg. Co., Philadelphia, Pa. 1932.

BANICK, WM. GEORGE, Fulton High School, Atlanta, Ga. 1948.

BANKS, CHARLES W., Head, Department of Applied Science, retired, Wentworth Institute, 15 Standish St., Newton Highlands 61, Mass. 1937.

BARBER, CARL S., Instructor in General Engineering Drawing, University of Illinois, Chicago, Ill. 1949.

BARBER, EDWARD S., Associate Professor of Civil Engineering, University of Maryland, College Park, Md., and Lecturer in Soil Mechanics, Catholic University of America, Washington, D. C. 1948.

BARBER, WILLIAM J., Assistant Professor of General Engineering, University of Kentucky, Lexington, Ky. 1951.

BARBULESCO, C. D., Professor of Electrical Engineering, Antioch College, Yellow Springs, Ohio. 1945.

BARD, ROBERT E., Associate Professor of Electrical Engineering, Fournier Institute of Technology, Lemont, Ill. 1951.

BARDSLEY, CLARENCE E., Hydraulics Engineer, National Bureau of Standards, Washington 25, D. C., and Instructor in Engineering Mechanics, Montgomery Junior College, and Instructor in Hydraulics, Graduate School, U. S. Dept. of Agriculture, Bethesda 14, Md. 1937.

BARGER, EDGAR L., Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. 1943.

BARISH, NORMAN N., Associate Professor of Management Engineering and Secretary of the College of Engineering, New York University, New York, N. Y. 1948.

BARKAN, HERBERT, Assistant Prof. in Mathematics, Newark College of Engineering, Newark, N. J. 1947.

BARKER, CHARLES L., Professor of Hydraulic Engg., Washington State College, Pullman, Wash. 1928.

BARKER, GEORGE J., Professor and Chairman, Dept. of Mining and Metallurgy, University of Wisconsin, Madison, Wis. (*Member of Council, 1948–50.*) 1935.

BARKER, JOHN F., Instructor in Engineering English, University of Colorado, Boulder, Colo. 1948.

BARKER, JOSEPH W., President, Research Corp., 405 Lexington Ave., New York 17, N. Y. (*Member of Council, 1935–38.*) 1926.

BARKER, MAURICE E., Head and Professor of Chemical Engineering, University of Arkansas, Fayetteville, Ark. 1949.

BARKSON, JOSEPH A., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1951.

BARLOW, HOWARD W., Dean, School of Engineering, A. & M. College of Texas, College Station, Texas. (*Member of Council, 1946–53.*) 1940.

BARNARD, NILES H., Professor and Chairman, Dept. of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1930.

BARNES, GEORGE C., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

BARNES, GEORGE E., Professor of Hydraulic and Sanitary Engineering, Head, Dept. of Civil Engineering, Case Institute of Technology, Cleveland, Ohio. 1933.

BARNES, JAMES C., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

BARNES, JOHN L., Professor of Electrical Engineering, University of California, Los Angeles, Calif. (On Leave: Associate Director, Electro-Mechanical Engineering Dept., North American Aviation, Inc., Downey, Calif.) 1938.

BARNES, JOHN S., Manager, Prod. Dept., John Wiley & Sons, Inc., 440 Fourth Ave., New York City. 1940.

BARNES, RALPH M., Professor of Engineering and Production Management, University of California, Los Angeles 24, Calif. 1929.

BARNES, ROBERT H., Instructor in Engineering, University of Rochester, Rochester, N. Y. 1950.

BARNETT, BRINKLEY, Associate Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1943.

BARNETTE, NEWTON H., Professor and Head, Electrical Engineering, University of Arkansa, Fayetteville, Ark. 1945.

BARNUM, JEROME, Director, Jerome Barnum Associates, Management Consultants, Harrison, N. Y. 1948.

BARNWELL, JOSEPH H., Associate Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

BARON, FRANK, Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1947.

BARRE, HENRY J., Head, Dept. of Agricultural Engineering, Purdue University, Lafayette, Ind. (*Member of Council, 1949–52.*) 1944.

BARRICK, DENNIS L., Assistant Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1946.

BARROWS, H. K., Consulting Engineer, 332 Highland Ave., Winchester, Mass. 1902.

BARRY, BROTHER B. AUSTIN, F.S.C., Assistant Professor of Civil Engineering, Manhattan College, New York 71, N. Y. 1948.

BARRY, J. GRIFFITHS, Consulting Engineer, Guided Missiles, Pilotless Plane Div., Fairchild Engine & Airplane Corp., Farmingdale, N. Y. 1941.

BARTEL, HERBERT H., Instructor in Civil Engineering, Southern Methodist University, Dallas, Texas. 1947.

BARTELS, JEROME, Assistant Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

BARTH, THOMAS S., Assistant Professor of Civil Engineering, University of Houston, Houston, Texas. 1949.

BARTHEL, CHRISTOPHER E., Assistant Director, Armour Research Foundation, Chicago 16, Ill. 1944.

BARTHOLOMAEI, NATHANIEL T., Instructor in Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1951.

BARTHOLOMEW, DAVIS, Associate Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1946.

BARTHOLOMEW, EDWARD L. JR., Associate Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1951.

BARTKUS, EDWARD P., Chemical Engineer, Engineering Dept., E. I. du Pont de Nemours & Co., Inc., Wilmington, Del. 1949.

BARTLETT, BOYD W., Professor and Head, Dept. of Electricity, United States Military Academy, West Point, N. Y. 1945.

BARTLETT, HOWARD R., Professor and Head, Dept. of English and History, Massachusetts Institute of Technology, Cambridge, Mass. 1939.

BARTLETT, LUIS H., Professor and Head, Department of Chemical Engineering, Oklahoma A. & M. College, Stillwater, Oklahoma. 1945.

BARTON, MILLARD V., Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1939.

BARTOW, EDWARD, Professor Emeritus of Chemistry, State University of Iowa, Iowa City, Iowa. 1921.

BARZELAY, MARTIN E., Associate Professor of Aeronautical Engineering, Syracuse University, Syracuse, N. Y. 1947.

BASORE, CLEBURNE A., Professor and Head, Dept. of Chemical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1938.

BASS, FREDERIC, Professor Emeritus, University of Minnesota, Minneapolis, Minn. *Life member.* (*Member of Council, 1918–21.*) 1908.

BASS, LAWRENCE W., Vice President, U. S. Industrial Chemicals, Inc., 60 East 42nd St., New York 17, N. Y. 1942.

BASSAR, NICHOLAS, JR., Assistant Prof. in Civil Engineering, Montana State College, Bozeman, Mont. 1947.

BASU, AMIYA K., Professor of Mechanical Engineering, Jadavpur College, West Bengal, India. 1948.

BATCHELLER, HILAND G., Chairman of the Board, Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. 1949.

BATCHELOR, HENRY B., Associate Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1948.

BATEMAN, RICHARD M., Director, Purdue University Center, Fort Wayne, Ind. 1951.

BATES, HERBERT T., Assistant Professor of Chemical Engineering, University of Nebraska, Lincoln, Nebr. 1941.

BATES, MAURICE E., Professor and Acting Head, Dept. of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1947.

BATY, JAMES B., Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1948.

BAUDER, FREDERICK W., Assistant Professor of Chemistry, Newark College of Engineering, Newark, N. J. 1943.

BAUER, EDWARD E., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1936.

BAUER, F. S., Professor and Head, Dept. of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1914.

BAUER, ROBERT E., Assistant Professor in Physics and Electronics, U. S. Naval Postgraduate School, Monterey, Calif. 1949.

BAUER, WM. M., Professor of Electronics Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1933.

BAUGH, ROBERT L., Instructor in Electrical Engineering, Colorado School of Mines, Golden, Colo. 1950.

BAUM, HARRY, Professor Emeritus of Electrical Engineering, College of the City of New York, New York City. (Home: 150 Bennett Ave., New York 33, N. Y.) (*Life Member.*) 1935.

BAUMEISTER, THEODORE, Stevens Professor of Mechanical Engineering, Columbia University, New York 27, N. Y. 1935.

BAXTER, ROBERT A., Professor of Chemistry and Gas Engineering, Colorado School of Mines, Golden, Colo. 1925.

BAYER, BRUCE M., Associate Professor of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1949.

BAYNE, JAMES W., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1947.

BAZANT, ZDENEK J., Associate Professor of Civil Engineering, Technical University of Prague, Praha, II, Karlovo nam, 17, Czechoslovakia. 1947.

BEACH, HARRY L., Assistant Professor and Head, Dept. of Drafting and Design and Audio-Visual Director, Hillyer College, Hartford, Conn. 1946.

BEACH, ROBIN, Consulting Engineer, Robin Beach Engineers Associated, Brooklyn 2, N. Y. 1917.

BEACH, R. KENNETH, Assistant Professor of Electrical Engineering. 1946.

BEAKLEY, GEORGE C., Associate Professor of Mechanical Engineering, Tarleton State College, Stephenville, Texas. 1948.

BEAL, GEORGE M., Professor and Head, Dept. of Architecture, University of Kansas, Lawrence, Kans. 1935.

BEAM, ROBERT E., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1942.

BEAM, WALTER R., Instructor in Electrical Engineering, University of Maryland, College Park, Md. 1949.

BEANE, JOHN A., Professor of Mechanics and Head, Dept. of Drawing, Mechanics, and Design, University of Buffalo, Buffalo, N. Y. (Also, Dean, Millard Fillmore College, the evening and extension division of the University of Buffalo.) 1943.

BEATTIE, WAYNE S., Professor and Head, Dept. of Mechanical Engineering, University of Colorado, Boulder, Colo. 1946.

BEATTY, FRED B., Associate Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1936.

BEATTY, H. RUSSELL, Administrative Assistant to the President, Professor and Head, Dept. of Administrative Engineering, Pratt Institute, Brooklyn, N. Y. (*Member of Council, 1949–51.*) 1937.

BEATTY, JOHN M., Associate Professor of Structural Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

BEATTY, KENNETH O., JR., Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1947.

BEAUCHAMP, JAMES M., Assistant Prof. in Mechanical Engineering, 65 Sidehill Road, Hamden, Conn. 1948.

BEAVER, J. LYNFORD, Professor Emeritus of Electrical Engineering, Lehigh University, Bethlehem, Pa. (Home: 250 E. Market St., Bethlehem, Pa.) *Life member.* 1914.

BEBIE, JULES, Lecturer of Chemical Engineering, Washington University, St. Louis, Mo. 1936.

BECK, CLIFFORD K., Chairman, Physics Dept., North Carolina State College, Raleigh, N. C. 1951.

BECK, LESTER E., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1931.

BECK, NIELS C., Dean, Parks College of St. Louis University, East St. Louis, Ill. 1946.

BECK, VICTOR W., Electrical Engineer, Aero. Test, Mpls.-Honeywell Reg. Co., Minneapolis, Minn. 1948.

BECK, WILLIAM M., JR., Associate Professor of Mathematics and Engineering, William & Mary College, V.P.I., Norfolk, Va. 1946.

BECKEMEYER, HARRY J., Research Laboratory, Universal-Rundle Corp., New Castle, Pa. 1950.

BECKER, CARL, Professor of Mathematics, Tri-State College, Angola, Ind. 1951.

BECKER, WILLIAM D., Assistant Professor of Electrical Engineering, University of Maryland, College Park, Md. 1950.

BECKMAN, BERTHA, Administrative Assistant, College of Engineering, University of California, Los Angeles, Calif. 1950.

BECKMAN, FRANK S., Assistant Prof. in Mathematics. 1947.

BECKWITH, THOMAS G., Professor of Mechanical Engineering, University of Pittsburgh Pittsburgh, Pa. 1944.

BEEBE, GORDON A., Associate Professor of Civil Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1945.

BEER, FERDINAND P., Professor of Mechanics, Lehigh University, Bethlehem, Pa. 1950.

BEESE, CHARLES W., Director, Technical Extension Division, Purdue University, Lafayette, Ind. 1938.

BEESON, CARROL M., Associate Professor of Petroleum Engineering, University of Southern California, Los Angeles, Calif.

BEGEMAN, MYRON L., Professor and Head, Dept. of Mechanical Engineering, University of Texas, Austin, Texas. 1937.

BEGG, ROBERT B. H., Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927.

BEGGS, JOSEPH S., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1949.

BEHRENS, ROBERT G., Manager, Associated Technical Publications, Box 11, Williams, Mich. 1935.

BEISLER, WALTER H., Professor and Head, Dept. of Chemical Engineering, University of Florida, Gainesville, Fla. 1936.

Beitler, Samuel R., Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1926.

Belanger, Robert N., Instructor in Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich.

Belknap, J. Harrison, Dean, Graduate Section, USAF Institute of Technology, Wright-Patterson Base, Dayton, Ohio. (*Member of Council, 1941–44.*) 1938.

Bell, Julian A., Assistant Professor of Engineering, Arlington State College, Arlington, Texas. 1949.

Bell, Lawrence F., Assistant Professor of Industrial Engineering, c/o General Delivery, Bethesda, Md. 1948.

Bell, Norman, Assistant Professor of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Bell, Norman R., Assistant Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1943.

Belz, Charles J., Professor and Head of Civil Engineering, University of Dayton, Dayton, Ohio. 1929.

Bender, Harry A., Associate Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1945.

Benedict, Otis, Jr., Associate Professor of Manufacturing Processes, Pratt Institute, Brooklyn, N. Y. 1929.

Benedict, Russell H., Assistant Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1950.

Benedict, R. Ralph, Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1939.

Benish, Anthony A., Assistant Professor of Civil Engineering, University of Texas, Austin, Texas. 1947.

Benjamin, Curtis G., President, McGraw-Hill Book Co., Inc., 330 W. 42d St., New York 18, N. Y. 1933.

Benjamin, Irwin A., Instructor in Civil Engineering, Kansas State College, Manhattan, Kans. 1948.

Bennett, Albert A., Professor of Mathematics, Brown University, Providence, R. I. 1936.

Bennett, Carson W., Librarian, Rose Polytechnic Institute, Terre Haute, Ind. 1951.

Bennett, Clarence E., Professor and Head, Dept. of Physics, University of Maine, Orono, Me. (*Member of Council, 1949–51.*) 1939.

Bennett, Donald M., Professor and Head, Dept. of Physics, University of Louisville, Louisville, Ky. 1946.

Bennett, J. Gardner, Professor of Civil Engineering, Universtiy of Hawaii, Honolulu, T. H. 1932.

Bennett, Joseph A., Assistant Professor of Engineering, University of Alabama, University, Ala. 1949.

Bennett, Lester L., Instructor in Radio Mechanics, U. S. Air Force Technical School, Belleville, Ill. 1950.

Bennett, Ralph D., Technical Director, Naval Ordnance Laboratory, White Oak, Silver Spring, Md. 1937.

Bensman, Clarence H., Head Electrical Technology, State University of New York, Buffalo 7, N. Y. 1948.

Benson, Fred J., Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1938.

Benson, Henry W., Head, Dept. of Applied Physics, Wentworth Institute, Boston, Mass. 1945.

Benson, Leonard R., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1939.

Bently, Mark W., Instructor in Engineering Drawing, Mississippi State College, State College, Miss. 1950.

Berard, Samuel J., Professor Emeritus of Mechanical Engineering, Brown University, Providence, R. I. *Life Member.* 1912.

Beresford, Hobart, Professor and Head, Department of Agricultural Engineering, Iowa State College, Ames, Iowa. 1929.

Bereskin, Alexander B., Associate Professor of Electrical Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1948.

Berg, Lloyd, Professor and Head, Dept. of Chemical Engineering, Montana State College, Bozeman, Mont. 1946.

Bergelin, Olaf P., Associate Professor of Chemical Engineering, University of Delaware, Newark, Del. 1947.

Bergen, Martin J., Chief Draftsman, E. I. du Pont de Nemours & Co., Inc., Newark, Del. 1947.

Berger, Louis, Associate Professor of Civil Engineering, Pennsylvania State College, State College, Pa. 1949.

Bergethon, Ovard M., Instructor in Mechanical Engineering, Norwich University, Northfield, Vt. 1948.

Bergh, Donald A., Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

Bergman, William C., College Employment Coordinator, Michigan Bell Telephone Co., Detroit, Mich. 1951.

Bergren, Ernest L., Assistant Professor of Mechanical Engineering, Montana State College, Bozeman, Mont. 1948.

Bergren, G. Walter, Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1947.

Bergseth, Frederick R., Assistant Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1950.

Bernard Alfred, Brother, Professor and Head, Dept. of Mathematics, Manhattan College, New York, N. Y. 1947.

Berne-Allen, Allan, Professor and Head of Chemical Engineering, Clemson Agricultural College, Clemson, S. C. 1949.

Bernstein, Allen L. 1948.

Beroza, Paul P., Assistant Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1950.

Berry, C. Harold, Gordon McKay Professor of Engineering Science, Harvard University, Cambridge, Mass. 1928.

Berryman, Lloyd G., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1939.

Bertsch, Carl V., Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1947.

Besio, Charles A., Assistant Professor of Mechanical Engineering, Southern Methodist University, Dallas 5, Texas. 1947.

Besley, Harry E., Professor and Head, Dept. of Agricultural Engineering, Rutgers University, New Brunswick, N. J. 1947.

Bessey, Wm. H., Assistant Professor of Physics, Missouri School of Mines and Metallurgy, Rolla, Mo. 1940.

Best, Charles L., Instructor in Mechanics, Lafayette College, Easton, Pa. 1950.

Best, Herbert W., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1935.

Best, Stanley V., Associate Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Bethel, Lawrence L., Director, New Haven Y. M. C. A. Junior College, 15 Prospect St., New Haven, Conn. 1942.

Betros, Louis A., Instructor, Television Department, Central Radio and Television Schools, Kansas City, Mo. 1950.

Bettencourt, William, Instructor in Mechanical Drawing, Belmont Senior High School, Belmont, Mass. 1941.

BETTERLEY, MELVIN L., Assistant Professor of Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1947.

BETTS, ATTIE L., Associate Professor of Electrical Engineering, Route 3, Hico, Texas. 1949.

BETTS, ROBERT E., Engineering Librarian, Texas A. & M. College, College Station, Texas. 1950.

BEWLEY, LOYAL V., Professor and Head, Dept. of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1940.

BEYER, FRANK R., Assistant Professor of Engineering Mechanics, Wayne University, Detroit, Mich. 1950.

BEZANSON, WARREN B., Instructor in English, University of Maryland, College Park, Md. 1948.

BEZBATCHENKO, MICHAEL, Assistant Professor of Mechanical Engineering, University of Akron, Akron, Ohio. 1950.

BEZIK, MAX J., Instructor in Chemical Engineering, Tri-State College, Angola, Ind. 1950.

BIAGI, JOSEPH M., Assistant Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1950.

BIBB, SAMUEL F., Associate Professor of Mathematics, Illinois Institute of Technology, Chicago, Ill. 1935.

BIBBER, HAROLD W., Chairman, Engineering Division, Union College, Schenectady, N. Y. 1922.

BIEGEL, JOHN E., Instructor in Industrial Engineering, University of Arkansas, Fayetteville, Arkansas. 1950.

BIESELE, RUDOLPH L., JR., Research Professor of Engineering, Southern Methodist University, Dallas, Texas. 1946.

BIGELOW, ARTHUR L., Assistant Professor of Graphics, Princeton University, Princeton, N. J. 1948.

BIGELOW, ROYAL G., Associate Professor of Industrial Engineering, Northwestern University, Evanston, Ill. 1943.

BILLINGS, EDWARD J., Executive Assistant, Sales, Babcock & Wilcox Co., New York, N. Y. 1949.

BILLINGS, E. REXFORD, Head, Industrial Chemistry Department, New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1948.

BILLINGS, J. HARLAND, Professor and Head, Dept. of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1919.

BILLINGSLEY, JOHN D., Professor of Ordnance, U. S. Military Academy, West Point, N. Y. 1951.

BILLMYER, CARROLL D., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1917.

BINDER, RAYMOND C., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

BINGHAM, LLOYD A., Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1933.

BINNS, FRANK, Instructor Emeritus in Engineering Drawing, McLelan School of Engineering, Mt. Allison University, Sackville, New Brunswick, Canada. (Sudbury Mining and Technical School, Sudbury, Ontario, Can.) 1948.

BINTZER, H. RUSSELL, Assistant Director, Industrial Coordination Dept., Drexel Institute of Technology, Philadelphia, Pa. 1948.

BINZEL, MARKLEY S., Instructor in Electrical Engineering, Washington University, St. Louis, Mo. 1947.

BIRCH, R. E., Director of Research, Harbison-Walker Refractories Co., 1800 Farmers Bank Bldg., Pittsburgh 22, Pa. 1942.

BIRD, GEORGE T., Assistant Professor of Electrical Engineering, University of Houston, Houston, Texas. 1949.

BIRD, H. C., Professor of Civil Engineering Duke University, Durham, N. C. 1914.

BIRD, JOSEPH W., Manager, Training & Specialized Recruiting Division, RCA Victor Division, Camden, N. J. 1948.

BIRETTA, VITTI J., Instructor in Mechanical Engineering, University of Connecticut, Storrs, Conn. 1948.

BIRK, W. OTTO, Professor and Head, Dept. of English, University of Colorado, Boulder, Colo. (*Member of Council, 1940–43, 1946–48.*) 1920.

BIRKNESS, HAROLD A., Assistant Project Engineer, Engineering Research Dept., Standard Oil Company of Indiana, Chicago, Ill. 1943.

BIRNIE, HANS F., Assistant Professor of Mechanical Engineering, Stanford University, Calif. 1950.

BISCHEL, KENNETH H., Instructor in Chemical Engineering, Kansas State College, Manhattan, Kans. 1949.

BISCHOF, GUSTAVE J., Professor and Chairman, Dept. of Mechanical Engineering, College of the City of New York, New York, N. Y. 1931.

BISCHOFF, CLIFTON A., Development Engineer, John Waldron Corp., P.O. Box 791, New Brunswick, N. J. 1948.

BISCOE, JONATHAN, Associate Professor of Physics, University of Maine, Orono, Me. 1951.

BISHOP, CARLTON T., Associate Professor Emeritus of Civil Engineering, Yale University, New Haven, Conn. *Life member.* 1912.

BISHOP, FRANCIS F., Professor of Chemical Engineering, A. & M. College of Texas, College Station, Texas. 1938.

BISHOP, JOHN A., Associate Professor of Chemistry, Newark College of Engineering, Newark, N. J. 1951.

BISHOP, WALTER W., Industrial Relations Director, Piasecki Helicopter Corporation, Morton, Pa. 1940.

BISSETT, JAMES R., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1950.

BITNER, R. FRANK, Assistant Vice President, Prentice-Hall, Inc., 70 Fifth Ave., New York 11, N. Y. 1947.

BJORK, JOHN A., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1948.

BLACK, EARL D., Instructor of Drawing and Design, General Motors Institute, Flint, Mich. 1949.

BLACK, HENRY M., Professor and Head, Dept. of Mechanical Engineering, Iowa State College, Ames, Iowa. 1946.

BLACK, LOREN T., Instructor in Mathematics, Long Beach City College, Long Beach, Calif. 1935.

BLACK, PAUL H., Professor and Head, Dept. of Mechanical Engineering, Ohio University, Athens, Ohio. 1936.

BLACK, RALPH P., Consulting Engineer, Civil Engineering Dept., Georgia Institute of Technology, Atlanta, Ga. 1935.

BLACK, WINSTON E., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1947.

BLACKBURN, HENRY W., Associate Professor of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1928.

BLACKMAN, JAMES S., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1945.

BLADE, MARY F., Assistant Professor of Engineering Drawing and Machine Design, The Cooper Union, New York, N. Y. 1949.

BLAISDELL, A. H., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921.

BLAKE, COLIN D., Assistant Professor of Mechanical Drawing, Louisiana State University, Baton Rouge, La. 1948.

BLAKELY, MATTHEW L. 1949.

BLAKEMORE, WAYNE D., Instructor in Engineering Drawing, Iowa State College, Ames, Iowa. 1951.

BLAKESLEE, HORACE W., Assistant Professor of Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1949.

BLAKESLEE, L. ROBERT, Professor and Head, Dept. of Architectural Engineering, University of Detroit, Detroit, Mich. (*Member of Council, 1948–50.*) 1935.

BLAKESLEE, THEODORE R., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1949.

BLAKESTAD, ROBERT B., Owner, Falconi Electrical Service, P.O. Box 6602, Roswell, N. M. 1949.

BLALOCK, GROVER C., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1918.

BLANCHARD, FLETCHER A., JR., Instructor in Electrical Engineering, University of New Hampshire, Durham, N. H. 1951.

BLANCHARD, FRANCIS J., JR., Chemical Engineer, Engineering Service Division, E. I. du Pont de Nemours & Co., Niagara Falls, N. Y. 1948.

BLANCHARD, FRED H., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

BLANCHE, JOHN G., JR., Assistant Professor of Mechanical Engineering, Louisiana State University, Baton Rouge, La. 1948.

BLANKLEY, ROY EARL, Instructor in Engineering Industrial Arts, University of New Mexico, Albuquerque, N. Mex. 1950.

BLASCHKE, ALFRED C., Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

BLEEKMAN, GEORGE M., Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1943.

BLEIKAMP, ROBERT C., Instructor in Engineering Drawing, Washington University, St. Louis 5, Mo. 1948.

BLESSEY, WALTER E., Associate Professor of Civil Engineering, Tulane University, New Orleans, La. 1949.

BLICKENSDERFER, HERMAN, Professor and Head, Dept. of Civil Engineering, Bradley University, Peoria, Ill. 1942.

BLICKLE, MARGARET D., Instructor in English, Ohio State University, Columbus, Ohio. 1951.

BLIESNER, GUSTOV H., Electrical Engineer, Design Dept., U. S. Corps of Army Engineers, Savannah, Ga, 1947.

BLISARD, THOMAS J., Associate Professor of Physics, Newark College of Engineering, Newark, N. J. 1951.

BLISS, GILBERT B., Head, Electronic Research & Devel. Dept., Model Engg. Mfg. Co., Huntington, Ind. 1948.

BLISS, WILLIAM D., Dean, College of Engineering, Marquette University, Milwaukee, Wis. 1926.

BLISS, ZENAS R., Professor of Engineering, Brown University, Providence, R. I. 1927.

BLODGETT, HOWARD B., Professor of Civil Engineering, University of Nevada, Reno, Nev. 1933.

BLOXSOME, JOHN L., Professor of English and History, Rose Polytechnic Institute, Terre Haute, Ind. 1948.

BLUESTEIN, EARL, Instructor in Architecture, Illinois Institute of Technology, Chicago, Illinois. 1951.

BLUM, VICTOR J., Associate Dean, Institute of Technology, Associate Professor and Director, Dept. of Engineering, St. Louis University, St. Louis, Mo. 1946.

BLUMBERG, LEO, Head, Engineering School, Pennsylvania Military College, Chester, Pa. (Home: 4 East 14th St., Wilmington, Del.) 1922.

BLUMENTHAL, IRWIN S., Research Engineer, Northrop Aircraft, Inc., Hawthorne, Calif. 1951.

BLYTHE, DAVID K., Assistant Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1951.

BOAK, IRWIN S., Instructor in Tech. Electrical Dept., New York State Agricultural and Technical Institute, Canton, N. Y. 1948.

BOARDMAN, H. S., President Emeritus, University of Maine, 172 Main Street, Orono, Me. (*President, 1930–31; Vice President, 1923–24; Member of Council, 1919–24, 1930–31.*) *Life member.* 1903.

BOARTS, ROBERT M., Professor and Head, Department of Chemical Engineering, University of Tennessee, Knoxville, Tenn. (*Member of Council, 1951–53.*) 1937.

BOAST, WARREN B., Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1940.

BOCK, ARTHUR E., Associate Professor of Marine Engineering, U. S. Naval Academy, Annapolis, Md. 1944.

BOCKHORST, DAYLE F., Instructor in Engineering Drawing, University of Kansas, Lawrence, Kans. 1951.

BODGER, W. KENNETH, Associate Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1949.

BODNAR, JOHN, Director, Division of Engineering, University of Bridgeport, Bridgeport, Conn. 1948.

BOECK, RALPH E., Associate Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1947.

BOEHMER, HERBERT, Assistant Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

BOEHMER, HERBERT, Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1943.

BOEHNE, EUGENE W., Professor of Electrical Engineering, Director of Cooperative Course, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

BOELTER, LLEWELLYN M. K., Chairman, Dept. of Engineering, University of California, Los Angeles, Calif. 1931.

BOGARD, BEN T., Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1939.

BOGARDUS, FREDERICK J., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1949.

BOGARDUS, ROBERT K., Assistant Professor of General Engineering, Rutgers University, New Brunswick, N. J. 1948.

BOGEMA, MARVIN, Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1943.

BOGGS, RAY C., Product Engineer, Engineering Dept., Ford Aircraft Engine Div., Chicago, Ill. 1950.

BOGGS, ROBERT W., Assistant Manager, General Publicity Dept., Union Carbide and Carbon Co., 30 East 42nd St., New York City. 1945.

BOGLE, FRANK, Associate Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1948.

BOGNER, IRVING, Research Engineer, Willow Run Research Center, Ypsilanti, Mich. 1949.

BOGUSLAVSKY, BORIS W., Professor of Architectural Engineering, Georgia Institute of Technology, Atlanta, Ga. 1943.

BOGUCZ, EDWARD A., Production Engineer, Edwards Engineering Corp., East Patterson, N. J. 1949.

BOHL, LEIGHTON T., Professor of Civil Engineering, Brown University, Providence, R. I. 1941.

BOKENKAMP, HARRY J. 1949.

BOLLAY, WILLIAM, Visiting Professor, Engineering Dept., University of California, Los Angeles, Calif. 1949.

BOLSTAD, MILO M., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

BOLT, CHARLES D. 1949.

BOLT, JAY A., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

BOLTON, F. C., President Emeritus of College, A. & M. College of Texas, College Station, Texas. (*Member of Council, 1919–22; Vice President, 1937–38.*) 1910.

BOLTON, JOHN H., Bulletin Editor, Engineering Experiment Station, Iowa State College, Ames, Iowa. 1949.

BOLZ, HAROLD A., Professor of Industrial Engineering and Head, Dept. of General Engineering, Purdue University, Lafayette, Ind. (*Member of Council, 1950–52.*) 1938.

BOLZ, RAY E., Associate Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1948.

BONAR, ALBERT J., Asst. Prof. in Civil Engineering, University of Houston, Houston, Texas. 1950.

BOND, ROLAND H., Research Fellow in Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

BONE, ALEXANDER J., Associate Professor of Highway and Airport Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

BONE, HAROLD K., Assistant Professor of Engineering Drawing, University of Oklahoma, Norman, Okla. 1947.

BONILLA, CHARLES F., Professor of Chemical Engineering, Columbia University, New York, N. Y. 1944.

BONN, GEORGE S., Associate Librarian, The Rice Institute, Houston 1, Texas. 1949.

BONN, ROBERT, Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

BOOHER, EDWARD E., Vice President, McGraw-Hill Book Co., 330 W. 42nd St., New York 18, N. Y. 1939.

BOOKER, LEONARD, Instructor in Electrical Engineering, Detroit Institute of Technology, Detroit 1, Mich. 1948.

BOOMSLITER, G. P., Lecturer of Mechanics, University of Florida, Gainesville, Fla. (*Member of Council, 1943–47.*) 1912.

BOON, LEONARD F., Assistant Professor of Civil Engineering (Retired), University of Minnesota, Minneapolis, Minn. 1922.

BOONE, E. MILTON, Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1943.

BOORE, WILLIAM F. JR., Major and Assistant Professor of Air Science and Tactics, Iowa State College, Ames, Iowa. 1950.

BOOTH, ARCHIBALD A. K., Associate Professor of Rational and Technical Mechanics, Rensselaer Polytechnic, Troy, N. Y. 1943.

BORDT, FREDERICK J., Associate Professor, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

BORESI, ARTHUR P., Research Associate in Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1950.

BORG, GRANT K., Assistant Professor of Civil Engineering, University of Utah, Salt Lake City, Utah. 1951.

BORG, SIDNEY F., Research Engineer, Structures Dept., Grumman Aircraft, Bethpage, L. I., N. Y. 1944.

BORGMAN, WILLIAM M., Assistant Dean of Administration and Associate Professor of Mathematics, Wayne University, Detroit, Mich. 1939.

BORGMANN, CARL W., Dean of Faculties, University of Nebraska, Lincoln, Nebr. 1938.

BORGQUIST, E. S., Professor and Head, Dept. of Civil Engineering, University of Arizona, Tucson, Ariz. 1931.

BORING, MAYNARD M., Manager, Technical Personnel Div., General Electric Co., Schenectady, N. Y. (*Member of Council, 1935–38; Vice President, 1951–53.*) 1922.

BORKEET, JOHN J., Instructor in Drafting and Mechanical Engineering, Purdue University Extension, Calumet Campus, Hammond, Ind. 1949.

BORNEMANN, ALFRED, Professor of Metallurgy, Stevens Institute of Technology, Hoboken, N. J. 1951.

BOROWIK, ALBERT, Associate Professor of Chemical Engineering, Villanova College, Villanova, Pa. 1949.

BORRI, ROBERT, Assistant Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1947.

BORTELL, EARLE E., Associate Professor of Physics, Georgia Institute of Technology, Atlanta, Ga. 1948.

BOSS, WILLIAM, Professor Emeritus, Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1925.

BOSTED, NELSON P., Chief Instructor, Communications Dept., Penn Technical Institute, Pittsburgh 6, Pa. 1951.

BOSTON, ORLAN W., Professor and Chairman, Production Engineering Dept., University of Michigan, Ann Arbor, Mich. 1937.

BOTHWELL, FRANK E., Consultant, Code 1204, Room 2088, Michelson Laboratory, U. S. Naval Ordnance Test Station, China Lake, Calif. 1951.

BOTKIN, KENNETH E., Instructor in General Engineering, Purdue University, Lafayette, Ind. 1950.

BOTSET, HOLBROOK G., Professor and Head, Dept. of Petroleum Engineering, University of Pittsburgh, Pittsburgh, Pa. 1947.

BOUCHARD, HARRY, Professor of Geodesy and Surveying, University of Michigan, Ann Arbor, Mich. 1921.

BOUGHTON, ROLAND W., Chief, AF Academy Curriculum Planning Group, United States Air Force Academy (proposed), Bolling Air Force Base, Washington 25, D. C. 1951.

BOURKE, NORMAN, Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1948.

BOURNE, JAMES G., Instructor in Mechanical Engineering, Rose Tree Road, Route No. 2, Media, Pa. 1951.

BOURNE, RICHARD D., Assistant Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1948.

BOURNS, CHARLES T. (*On Leave:* Brazil). 1949.

BOURRET, PHILIP L., Reverend, Physics Dept., Ateneo de Manila, Manila, P. I. 1947.

BOUTWELL, FREDERICK K., Instructor in Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1949.

BOWES, WILLIAM H., Associate Professor of Engineering, Dalhousie University, Halifax, Nova Scotia, Canada. 1948.

BOWLER, EDMOND W., Professor and Head, Department of Civil Engineering, University of New Hampshire, Durham, N. H. 1923.

BOWLES, EDWARD L., Professor of Electrical Communications, Massachusetts Institute of Technology, Cambridge, Mass. 1931.

BOWMAN, CLETUS E., Assistant Professor of Mechanics, University of Illinois, Urbana, Ill. 1951.

BOWMAN, HARRY L., Professor and Head, Dept. of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1922.

BOWMAN, JAMES H., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1931.

BOWMAN, JOHN G., President Honorarius, University of Pittsburgh, Pittsburgh, Pa. *Life Member.* 1923.

BOWMAN, JOHN J., Director, Bowman Technical School, Lancaster, Pa. 1951.

BOWMAN, LEE, Head, Architectural and Photographic Depts., Franklin Technical Institute, Boston, Mass. 1951.

BOWMAN, RICHARD S., Assistant Professor of Humanities, The Cooper Union, New York City. 1940.

BOYCE, EARNEST, Professor and Chairman, Dept. of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1924.

BOYCE, JOSEPH C., Associate Laboratory Director, Argonne National Laboratory, P. O. Box 5207, Chicago 80, Ill. 1946.

BOYD, ALAGA H., Chairman, Division of Natural Science and Mathematics, Arkansas Agricultural College, Monticello, Ark. 1948.

BOYD, GILBERT W., Associate Professor of Metallurgical Engineering, Michigan College of M. & T., Houghton, Mich. 1947.

BOYD, H. SHANNON, Assistant Professor of Engineering, St. Ambrose College, Davenport, Iowa. 1945.

BOYD, HARWELL L., JR., Assistant Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. (On Leave: Air Force Cambridge Research Center, 230 Albany St., Cambridge, Mass.) 1950.

BOYD, LESLIE E., Assistant Professor of English, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

BOYER, GLENN C., Consulting Engineer, Carthage, Mo. 1946.

BOYER, MARION C., Associate Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Iowa. 1950.

BOYER, WALTER C., Assistant Professor of Civil Engineering, Johns Hopkins University, Baltimore, Md. 1947.

BOYER, WILLIAM W., Assistant Professor of Civil Engineering, North Carolina State College, Raleigh, N. C. 1948.

BOYLE, THOMAS A., JR., Assistant Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

BOYNTON, JOHN E., Professor and Head Emeritus, Dept. of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. (Home: Forsythe Avenue, Belle Meade, Tenn.). 1938.

BOYNTON, PAUL W., Employment Supervisor, Socony Vacuum Oil Co., Inc., 26 Broadway, New York City. 1937.

BRACKETT, R. D., Associate Professor of English, University of Michigan, Ann Arbor, Mich. 1922.

BRADBURY, DONALD, Associate Professor of Mechanical Engineering, University of Rhode Island, West Kingston, R. I. 1950.

BRADBURY, DOUGLAS W., Associate Professor of Drawing & Design, Clemson College, Clemson, S. C. 1950.

BRADISH, JOHN P., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1950.

BRADLEY, JAMES A., Dean, In charge of graduate courses, Newark College of Engineering, Newark, N. J. 1931.

BRADLEY, WILLIAM A., Assistant Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1948.

BRADSHAW, GEORGE W., Professor and Chairman, Dept. of Civil Engineering, University of Kansas, Lawrence, Kans. 1939.

BRADSHAW, LILYAN B., Placement Director, Engineering, Ohio State University, Columbus 10, Ohio. 1948.

BRADY, SHERWOOD J., Assistant Professor of Engineering, San Jose State College, San Jose, Calif. 1951.

BRAGG, FRANCIS C., Associate Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1940.

BRAIDECH, MATHEW M., Director of Research, National Board of Fire Underwriters, 85 John St., New York 7, N. Y. 1943.

BRAINARD, BOYD B., Professor of Mechanical Engineer, Kansas State College, Manhattan, Kans. 1926.

BRANCH, JAMES E., Professor of Architectural Engineering, University of Miami, Coral Gables, Fla. 1951.

BRANCH, WILLIAM H., Engineer, Educational Service Division, General Electric Co., Schenectady, N. Y. 1946.

BRAND, RONALD S., Associate Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1950.

BRANDEBERRY, JOHN B., Dean, College of Engineering, Professor of Mathematics and Engineering Mechanics, University of Toledo, Toledo, Ohio. 1923.

BRANDSTETTER, FRANK X., Senior Instructor, Opt. Tech., New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1948.

BRANDT, CARL G., Chairman, Dept. of English, University of Michigan, Ann Arbor, Mich. 1938.

BRANHAM, ARTHUR K., Research Associate, Civil Eng. Dept., Purdue University, Lafayette, Ind. 1946.

BRANIGAN, GEORGE F., Dean, College of Engineering, and Director, Engineering Experiment Station, University of Arkansas, Fayetteville, Ark. 1929.

BRANIN, M. LELYN, Chairman, Chemistry Department, Newark College of Engineering, Newark, N. J. 1950.

BRANOVAN, LEO, Assistant Professor in Mathematics, Marquette University, Milwaukee, Wis. 1950.

BRANSFORD, THOMAS L., Assistant Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1951.

BRANSON, HERMAN R., Professor of Physics, Howard University, Washington, D. C. 1950.

BRANTLEY, VESTER R., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1947.

BRASHEAR, ALVAN V., Assistant to Manager of Operations, Michigan Consolidated Gas Co., Detroit, Mich. 1949.

BRATER, ERNEST F., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1940.

BRATT, MURVEL J., Instructor in Mathematics, University of Cincinnati, Cincinnati, Ohio. 1948.

BRATTIN, CLAUD L., Professor and Head, Dept. of Engineering Drawing, Michigan State College, East Lansing, Mich. 1937.

BRAY, JOHN L., Professor of Metallurgy, Purdue University, Lafayette, Ind. 1925.

BRAY, ROBERT S., Asst. Chief, Navy Research Section, Library of Congress, Washington 25, D. C. 1951.

BRAY, WILLIAM G., Project Engineer, Special Weapons Engrg. Dept., Sperry Gyroscope Co., Great Neck, N. Y. 1948.

BRAZDA, LUMIR P., Chairman, Dept. of Architecture and Engineering, Wilson City College, 6800 Stewart Ave., Chicago 21, Ill. 1943.

BREAULT, E. EDWARD, Assistant Technical Personnel Director, Ingersoll-Rand Company, New York, N. Y. 1949.

BRECKENRIDGE, H. K., Vice-President, West Penn Power Company, Pittsburgh, Pa. 1950.

BRECKENRIDGE, RICHARD H., Instructor in Industrial Engineering, Engineering Experiment Station, Kansas State College, Manhattan, Kans. 1949.

BRECKENRIDGE, ROBERT W., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1934.

BREDEKAMP, MARRIOTT W., Associate Professor of Chemical Engineering, Michigan College of M. & T., Houghton, Mich. 1946.

BREDENDIECK, HINRICH, Assistant Professor, Institute of Design, Illinois Institute of Technology, Chicago, Ill. 1951.

BREED, CHARLES B., Professor Emeritus, Department of Civil and Sanitary Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1904.

BREESE, EDWARD Y., 2461 Swanson Ave., Coconut Grove, Miami 33, Fla. 1947.

BREMER, ROY, Assistant Professor of Sanitary Engineering, University of Detroit, Detroit 21, Mich. 1948.

BRENEMAN, JOHN W., Professor of Engineering Mechanics, The Pennsylvania State College, State College, Pa. 1942.

BRENKERT, KARL, JR., 160 Heather Lane, Palo Alto, Calif. 1950.

BRENNAN, CHARLES W., Assistant to the Dean, College of Engineering, University of Alabama, University, Ala. 1949.

BRENNAN, JOHN C., Personnel Representative, Ford Motor Company, Dearborn, Mich. 1951.

BRENNECKE, CORNELUS G., Professor and Head, Dept. of Electrical Engineering, North Carolina State College, Raleigh, N. C. (*Member of Council, 1947–49.*) 1936.

BRENNER, ROBERT, Associate in Engineering, University of California, Los Angeles, Calif. 1950.

BRENTON, WALTER, Supt. of Production, Portland General Electric Co., Portland, Ore. 1934.

BRESLER, BORIS, Assistant Professor of Civil Engineering, University of California, Berkeley, Calif. 1946.

BRETSCHER, ERWIN R., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1947.

BRETTON, RANDOLPH H., Assistant Professor of Chemical Engineering, Yale University, New Haven, Conn. 1951.

BREWER, JOHN M., Instructor in Humanities, Missouri School of Mines, Rolla, Mo. 1949.

BREWINGTON, GAIL P., Professor and Head, Dept. of Physics, Lawrence Institute of Technology, Detroit, Mich. 1941.

BREWSTER, MAURICE R., Professor of Industrial Management, Georgia Institute of Technology, Atlanta, Ga. 1947.

BRICK, ROBERT M., Professor and Director, Dept. of Metallurgical Engineering, University of Pennsylvania, Philadelphia, Pa. 1943.

BRIDGER, G. L., Professor and Head, Dept. of Chemical and Mining Engineering, Iowa State College, Ames, Iowa. 1948.

BRIDGMAN, DONALD S., Staff Assistant in Personnel Relations, American Tel. & Tel. Co., 195 Broadway, New York City. 1939.

BRIELMAIER, ALPHONSE A., Professor of Civil Engineering, Washington University, St. Louis, Mo. 1950.

BRIERLEY, JOHN R., Executive Alumni Secretary, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1936.

BRIGHT, B. BROOKE, Personnel Supervisor, Industrial Relations, The Atlantic Refining Company, Philadelphia, Pa. 1949.

BRIGHT, JAMES R., Editor, *Modern Materials Handling*, 795 Boylston St., Boston 16, Mass. 1948.

BRIGHT, RICHARD, Associate Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1942.

BRIGHT, R. LOUIS, Instructor in Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

BRIGHTBILL, LINWOOD J., Assistant Professor of Architecture, University of Washington, Seattle, Wash. 1950.

BRILL, KENNETH G., JR., Associate Professor of Geology and Geological Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

BRILLE, BERNARD J., Instructor in Engineering Drawing, Wright Junior College, Chicago, Ill. 1947.

BRILLINGER, C. J., Director of Training and Education, York Corporation, York, Pa. 1949.

BRINDA, JOHN, Instructor in Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1948.

BRINEGAR, WILLIAM V., Assistant Professor of Civil Engineering, University of Utah, Salt Lake City, Utah. 1949.

BRINK, JOSEPH A., JR., Instructor in Chemical Engineering, Purdue University, Lafayette, Ind. 1951.

BRINKER, RUSSELL C., Professor and Head, Civil Engineering Dept., Virginia Polytechnic Institute, Blacksburg, Va. 1931.

BRINKER, WILLIAM E., JR., Assistant Chief Engineer, Engineering Department, Corn Products Refining Co., 201 N. Wells St., Chicago 6, Ill. 1939.

BRITTON, CHARLES C., Assistant Professor of Electrical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1950.

BROADSTON, JAMES A., Propulsion Tests, Aerophysics Lab., North American Aviation, Inc., Los Angeles, Calif., and Chief Engineer and Owner, Surface Checking Gage Co., 5864 Hollywood Blvd., Hollywood 28, Calif. 1945.

BROCK, CHELSEY L., JR., Instructor in Chemical Engineering, University of Houston, Houston, Texas. 1950.

BROCK, EUGENE H., Chief Engineer, Planning Division, University of California Scientific Laboratories, Los Alamos, N. M. 1942.

BROCK, JOHN E. 1943.

BROCKENBROUGH, THOMAS W., Assistant Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

BRODT, ERNEST M., Head, Construction Industries Course, Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

BROGHAMER, EDWARD L., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1947.

BROMBERG, ROBERT, Associate in Engineering, University of California, Los Angeles 24, Calif. 1950.

BROMILOW, FRANK, Professor and Head, Civil Engineering Dept., New Mexico College of A. & M., State College, New Mexico. 1939.

BRONWELL, ARTHUR B., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. (*Secretary, 1947–; Member of Council, 1946–.*) 1937.

BROOKE, W. E., Head of Department of Mathematics and Mechanics, University of Minnesota (Retired), Minneapolis, Minn. (*Member of Council, 1924–27.*) *Life member.* 1902.

BROOKES, JAMES G., Assistant Professor of Mechanical Engineering, Lawrence Institute of Technology, Detroit, Mich. 1947.

BROOKES, JOHN F., Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1947.

BROOKING, WALTER J. 1948.

BROOKS, EDWARD M., Associate Professor of Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

BROOKS, FREDERICK E., Associate Professor of Electrical Engineering, University of Texas, Austin, Texas. 1948.

BROOKS, J. ANSEL, Professor Emeritus, Newark College of Engineering, Newark, N. J. (Home: P. O. Box 587, Madison, Conn.) 1904.

Broughton, Dean C., Development and Research Engineer, Agricultural Research and Engineering Dept., A. O. Smith Corp., Milwaukee, Wis. 1950.

Brouillet, Ignace, Dean, Ecole Polytechnique, Montreal, Canada. 1945.

Brown, Arthur S., Associate Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1930.

Brown, Aubrey I., Professor and Chairman, Dept. of Mechanical Engineering, The Ohio State University, Columbus, O. 1914.

Brown, Bryan L., Associate Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1948.

Brown, Chandler W., Instructor in Civil Engineering, Duke University, Durham, N. C. 1951.

Brown, Cleo A., Chairman, English and Psychology Departments, General Motors Institute, Flint, Mich. (*Member of Council, 1948–53.*) 1931.

Brown, Dale H., Development Engineer, General Engineering Laboratory, General Electric Co., Schenectady, N. Y. 1948.

Brown, Earl I., Assistant Professor of Civil Engineering, P.O. Box 1900, University Station, Austin 12, Texas. 1948.

Brown, Edward C., Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922.

Brown, Edward S., Professor of Civil Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1937.

Brown, Edmond J., Assistant Professor of Physics, North Carolina State College, Raleigh, N. C. 1948.

Brown, F. L., Professor of Applied Mechanics, University of Kansas, Lawrence, Kans. 1915.

Brown, Floyd V., (on leave 1950–51 for Graduate work at Columbia University) Assistant Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1948.

Brown, Francis W., Professor of Chemistry, Clarkson College of Technology, Potsdam, N. Y. 1950.

Brown, Frank N. M., Professor and Head, Dept. of Aeronautical Engineering, University of Notre Dame, Notre Dame, Ind. 1939.

Brown, Frederick L., Professor of Physics, University of Virginia, University, Va. 1926.

Brown, George G., Dean, College of Engineering, University of Michigan, Ann. Arbor, Mich. 1939.

Brown, Gordon S., Professor and Associate Head, Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

Brown, Herbert K., Associate Professor of Mechanical Engineering & Director, Engineering Graduate Study, Northeastern University, Boston, Mass. 1948.

Brown, Ira D., Industrial Engineer, Florida State Improvement Commission, Tallahassee, Fla. 1950.

Brown, James S., Associate Professor of Mechanical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

Brown, Joseph M., Research Engineer, Structures Dept., North American Aviation, Downey, Calif. 1949.

Brown, Labry, Head of Civil Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1947.

Brown, Leland H., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1950.

Brown, Ralph E., 79 Centre Ave., Abington, Mass. 1924.

Brown, Robert Q., Professor of General Engineering, University of Washington, Seattle, Wash. 1941.

Brown, Robert T., Administrator, Development Dept., Goodyear Tire and Rubber Co., Akron 16, Ohio. 1948.

Brown, Roy T., Associate Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1937.

Brown, Stanley R., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

Brown, Theodore C., Associate Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1937.

Brown, Walter F., Professor and Head, Dept. of Electrical Engineering, University of Toledo, Toledo, Ohio. 1941.

Brown, William J., Lehigh University, Bethlehem, Pa. 1948.

Brownell, Thomas C., Assistant Professor of Engineering Drawing, University of Miami, Coral Gables, Fla. 1947.

Broxon, James W., Professor of Physics, University of Colorado, Boulder, Colo. 1945.

Brubaker, Wm. F., Associate Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1924.

Bruhn, Elmer F., Professor and Head, Dept. of Aeronautics, Purdue University, Lafayette, Ind. 1943.

Brune, Arthur W., Ph.D. student, Mineral Engineering Dept., Pennsylvania State College, State College, Pa. 1949.

Brunig, Morton P., Assistant Professor of Agricultural Engineering, University of Nebraska, Lincoln, Nebr. 1946.

Brunken, Carroll O., Instructor in Civil Engineering, University of Nebraska, Lincoln, Neb. 1949.

Bruno, Edwin C., Architect & Engineer, 1033 Glenview Rd., Glenview, Ill. 1947.

Brush, Edward E., Head, Aeronautical Engineering Dept., Texas A. & M. College, College Station, Texas. 1949.

Brust, Alvin W., Associate Professor of Civil Engineering, Washington University, St. Louis, Mo. 1941.

Bryan, Colgan H., Professor, Dept. of Aeronautical Engineering, University of Alabama, University, Ala. 1943.

Bryan, George S., Dean of the Faculty, International Correspondence Schools, Scranton, Pa. 1949.

Bryans, Andrew E., Assistant Professor of Mathematics, Adelphi College, Garden City, N. Y. 1944.

Bryans, William R., Professor Emeritus of Mechanics, New York University, New York, N. Y. *Life member.* 1908.

Bryant, John M., Professor Emeritus of Electrical Engineering, University of Minnesota. (Home: 1606 Ridgeview Ave., Lancaster, Pa.) (*Member of Council, 1927–30.*) 1910.

Bryant, Lynwood S., Associate Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1948.

Bryant, Nelson H., Assistant Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1950.

Bubb, Frank W., Jr., Lecturer in Electrical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

Buch, Walter E., Instructor in Chemical and Metallurgical Engineering, University of Cincinnati, Cincinnati, Ohio. 1949.

Buchan, Alexander M., Associate Professor of English, Washington University, St. Louis, Mo. 1939.

Buchanan, Jesse E., President, University of Idaho, Moscow, Idaho. 1927.

Buchanan, Walter D., Assistant Professor of Drawing, University of Tennessee, Knoxville, Tenn. 1949.

BUCHBINDER, HAROLD G., Instructor in Mechanical Engineering. 1947.

BUCHER, PAUL, Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1920.

BUCK, A. MORRIS, Transportation Consultant, P. O. Box 472, Pine Beach, N. J. *Life member.* 1910.

BUCK, CARSON P., Associate Professor of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1939.

BUCK, N. LEWIS, Professor and Head, Dept. of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1945.

BUCKINGHAM, EARLE, Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1932.

BUCKLEY, ELERY F., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1949.

BUCKY, PHILIP B., Professor of Mining and Executive Officer, Columbia University, New York City. 1940.

BUDENHOLZER, ROLAND A., Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

BUDINGTON, WILLIAM S., Engineering Librarian, Columbia University, New York, N. Y. 1949.

BUECHE, HARRY S., Associate Professor of Electrical Engineering, University of Delaware, Newark, Del. 1932.

BUEFFEL, BERNARD H., Assistant Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1948.

BUESCHER, VICTOR A., Technical and Office Placement Manager, Thompson Products, Inc., Cleveland 3, Ohio. 1949.

BUFFA, ELWOOD S., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1951.

BULLARD, JAMES A., Professor and Head, Dept. of Mechanics and Mathematics, University of Vermont, Burlington, Vt. 1927.

BULLEN, CHARLES V., Professor and Head, Department of Electrical Engineering, Texas Technological College, Lubbock, Texas. 1934.

BULLEN, PAUL W., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1945.

BULLINGER, CLARENCE E., Professor and Head, Dept. of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1925.

BULLOCK, REX G., Instructor in Engineering, University of Houston, Houston, Texas. 1949.

BULLOCK, ROBERTS C., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1937.

BUNKER, ALBION H., Architectural Engineer, Abbott Labs., North Chicago, Ill. 1943.

BUNKER, JOHN W. M., Dean, Graduate School, Massachusetts Institute of Technology, Cambridge, Mass. 1940.

BUNNELLE, PHILIP R., Lecturer, Agricultural Engineering, University of California, Davis, Calif. 1951.

BUNTING, JOSEPH W., Professor and Head, Dept. of Mechanical Engineering, University of Cincinnati, Cincinnati, Ohio. 1946.

BURCHFIELD, GEORGE E., Instructor in Engineering Shop, General Motors Institute, Flint, Mich. 1951.

BURCHFIELD, LEONARD R., Box 457, West Blacton, Ala. 1948.

BURDELL, EDWIN S., President, Cooper Union, New York 3, N. Y. (*Member of Council, 1946–49.*) 1937.

BURDEN, HARRY P., Professor of Sanitary Engineering and Dean, Engineering School, Tufts College, Medford, Mass. 1921.

BURDETT, ROY W., Professor and Head, Dept. of Engineering, Arlington State College, Arlington, Texas. 1943.

BURDICK, GERALD F., Head of Industrial Mechanics, Alfred University, Alfred, N. Y. 1948.

BUREAU, E. A., Head, Dept. of Electrical Engineering, University of Kentucky, Lexington, Ky. 1923.

BURG, WALTER V., Professor and Head, Dept. of Chemical Engineering, University of Toledo, Toledo, Ohio. 1944.

BURGER, WILLIAM V., Registrar, Colorado School of Mines, Golden, Colo. 1951.

BURGESS, ARCHIE R., Professor of Industrial Engineering, Texas A. & M. College, College Station, Texas. 1948.

BURGESS, JOHN C., Teaching Assistant, Civil Engineering Dept., Stanford University, Stanford, Calif. 1947.

BURHEN, RAYMOND, Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1948.

BURINGTON, RICHARD S., Director, Evaluation and Analysis Group, Chief Mathematician, Res. & Dev. Div., Bureau of Ordnance, Navy Dept., Washington, D. C. 1934.

BURKE, DALE H., Tool Engineer, Production Engineering, Champion Spark Plug Co., Toledo 1, Ohio. 1951.

BURKE, MERRITT, Personnel Department, E. I. du Pont de Nemours and Co., Wilmington, Del. 1949.

BURKE, WILLIAM C., Director of Placement, Lawrence Institute of Technology, Highland Park, Michigan. 1951.

BURLAGE, HENRY, Assistant Professor of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

BURMISTER, DONALD M., Professor of Civil Engineering, Columbia University, New York City. 1935.

BURNET, GEORGE, JR., Instructor in Chemical Engineering, Iowa State College, Ames, Iowa. 1950.

BURNETT, JAMES R., Assistant Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1948.

BURNS, CHARLES I., Mechanical Engineer, Taylor Model Basin, Washington, D. C. (Home: 1012 Ocean Ave., Brooklyn, N. Y.)

BURNS, FRED P., Tutor in Mechanical Engineering, College of the City of New York, New York City. 1947.

BURNS, STANLEY S., 1028 Grant Ave., Erie, Pa. 1950.

BURR, ARTHUR H., Professor and Head, Dept. of Machine Design, Cornell University, Ithaca, N. Y. 1941.

BURRILL, CHARLES M., Assistant to the Vice President in charge of Research, RCA Laboratories, Princeton, N. J. 1948.

BURRIS, LEROY, Assistant Professor of Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1948.

BURROUGHS, FREDERICK D., Educational Director, Utilities Engineering Institute, 1314 Belden Ave., Chicago, Ill. 1943.

BURROUGHS, HOWARD A., Associate Professor of Electrical Engineering, Michigan College of M. & T., Houghton, Mich. (On Leave: 1914 Sheridan Rd., Evanston, Ill.) 1947.

BURROUGHS, KENNETH L., Vice President, Aeronautical University, Inc., Chicago, Ill. 1947.

BURROWS, CHARLES R., Director, School of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

BURTON, WENDEL W., Employment Director, Salaried Personnel, Minnesota Mining & Mfg. Co., 900 Fauquier Ave., St. Paul, Minn. 1947.

BUSH, ALBERT F., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1949.

BUSH, GEORGE F., Owner, G. F. Bush Associates, 391 Nassau St., Princeton, N. J. 1944.

BUSH, VANNEVAR, President, Carnegie Institution of Washington, D. C. 1923.

BUSH-BROWN, HAROLD, Professor and Director, School of Architecture, Georgia Institute of Technology, Atlanta, Ga. 1949.

BUTKUS, JOHN, Instructor in Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

BUTLER, EDWARD W., Director, Radio Division, Federal Telephone and Radio Corp., Clifton, N. J. 1951.

BUTLER, G. M., Dean Emeritus, College of Engineering, University of Arizona, Tucson, Ariz. (*Member of Council, 1924–27.*) 1916.

BUTLER, HOWARD W., Assistant Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1948.

BUTLER, JOE B., Professor of Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1922.

BUTLER, JOHN H., 125 So. Highland Ave., Winchester, Ky. 1935.

BUTLER, STANLEY S., Lecturer in General Engineering, University of Southern California, Los Angeles, Calif. 1949.

BUTTERFIELD, THOMAS E., Emeritus Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1920.

BUTTS, ALLISON, Professor of Electrometallurgy, Lehigh University, Bethlehem, Pa. 1934.

BYARS, EDWARD F., Instructor in Mechanics & Hydraulics, Clemson Agricultural College, Clemson, S. C. 1950.

BYCK, LAWRENCE C., JR., Instructor in Physics, Bridgeport Engineering Institute, Bridgeport, Conn. 1950.

BYERLAY, HENRY L., Branch Chief, Instrumentation, Detroit Tank Arsenal, Centerline, Mich. 1943.

BYERLY, RICHARD T., Instructor in Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

BYERS, EARLE C., Instructor in Shop Practice, Kansas State College, Manhattan, Kans. 1951.

BYERS, NORMAN R., Instructor in Machine Design, 200 N. Creek, Bartlesville, Okla. 1947.

BYRD, HARRY C., President, University of Maryland, College Park, Md. 1949.

BYRNE, WILLIAM E., Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1945.

BYRNES, JOHN F., Professor and Chairman, Dept. of Industrial Management, Boston College, Boston, Mass.

CADDESS, JAMES H., Assistant Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1948.

CADE, C. MARSHALL, Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1937.

CAGE, JOHN M., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1947.

CAGNONI, G. JAMES, Acting Assistant Professor, Newark College of Engineering, Newark, N. J. 1948.

CALABRESE, GIUSEPPE O., Professor of Electrical Engineering, New York University, New York, N. Y. 1948.

CALDIERO, FRANK M., Assistant Professor of Humanities, The Cooper Union, New York, N. Y. 1949.

CALDWELL, FRANK C., Professor Emeritus of Electrical Engineering, The Ohio State University, Columbus, Ohio. (*Member of Council, 1905–08.*) *Life member.* 1897.

CALHOON, FLOYD N., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

CALHOUN, JOHN C., JR., Chief, Pet. & Nat. Gas Eng. Div., Pennsylvania State College, State College, Pa. 1949.

CALKIN, JOHN B., Director of Department of Industrial Cooperation & Associate Professor of Chemical Engineering, University of Maine, Orono, Me. 1950.

CALLAHAN, HAROLD R., Educational Director, Capitol Radio Engineering Institute, Washington, D. C. 1945.

CALVERT, JAY H., Industrial Relations Manager, Harry Ferguson, Inc., Detroit, Mich. 1949.

CALVERT, JOHN F., Professor and Chairman, Dept. of Electrical Engineering, Northwestern University, Evanston, Ill. 1937.

CAMARENA, ELIOT, Head, Administration Dept., Tecnologico de Monterrey, Monterrey, N. L., Mexico. 1950.

CAMBEL, ALI B., Assistant Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

CAMBRE, ROLAND J., Associate Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1947.

CAMERON, CHARLES F., Professor of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1945.

CAMP, WILBUR E., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1949.

CAMP, WILLIAM G., Director, College Division, New Mexico School of Mines, Socorro, N. M. 1946.

CAMPBELL, ASHLEY S., Dean, Institute of Technology, University of Maine, Orono, Maine. 1950.

CAMPBELL, BONHAM, Lecturer in Engineering, University of California, Los Angeles, Calif. 1951.

CAMPBELL, DONALD P., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

CAMPBELL, FRANK R., Associate Professor of Mechanical Engineering, Colorado School of Mines, Golden, Colo. 1947.

CAMPBELL, GORDON P., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1948.

CAMPBELL, JAMES S., JR., Assistant Professor of Mechanical Engineering, University of California, Berkeley 4, Calif. 1948.

CAMPBELL, JESSE M., Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1931.

CAMPBELL, JOHN S., Instructor in Electrical Engineering and Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1942.

CAMPBELL, REED W., Instructor in Mechanical Engineering, Grove City College, Grove City, Pa. 1948.

CAMPBELL, ROBERT M., Head, Dept. of Ceramic Engineering, Alfred University, Alfred, N. Y. 1937.

CAMPBELL, THOMAS H., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1949.

CANAN, SAMUEL W., Assistant Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1948.

CANAVACIOL, FRANK E., Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1928.

CANDEE, FRANK W., Associate Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1924.

CANFIELD, DONALD T., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1925.

CANNING, ROBERT V., Instructor in Electrical Engineering, University of Delaware, Newark, Del. 1949.

CANTERBURY, SAMUEL L., Dean of Engineering, Kilgore College, Kilgore, Texas. 1943.

CANTLUPE, VICTOR J., Special Lecturer in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1949.

CAPP, MARTIN P., Professor and Chairman, Dept. of Civil Engineering, University of Denver, Denver, Colo. (*Member of Council, 1950–52.*) 1946.

CAPURO, ALBERT D., Director of Admissions Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1948.

CARDIN, C. J., Professor and Head, Dept. of General Engineering, North Central College, Naperville, Ill. 1937.

CARDOSO, ANTONIO C., Assistant Professor of Electrical Engineering, University of S. Paulo, S. Paulo, Brasil, S. A. *Life member.* 1935.

CAREY, JOHN J., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

CARL, IRA A., Assistant Professor of Mathematics, New York University, New York, N. Y. 1948.

CARLETON, WALTER M., Associate Professor of Agricultural Engineering, Michigan State College, East Lansing, Mich. 1950.

CARLEY, WILLIAM J., Assistant Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1951.

CARLSON, C. I., Associate Professor and Head, Dept. of General Engineering Drawing, University of Illinois, Navy Pier, Chicago, Ill. 1947.

CARLSON, DAVID E., Head, Post Graduation Studies Dept. and Associate Professor of Industrial Engineering, A. & M. College of Texas, College Station, Texas. 1947.

CARLSON, DELPHINE C., Instructor in Mathematics, Michigan College of M. & T., Sault Ste. Marie Branch, Sault Ste. Marie, Mich. 1948.

CARLSON, DE VON M., Assistant Professor of Architectural and Civil Engineering, University of Colorado, Boulder, Colo. 1944.

CARLSON, WALTER W., Professor of Shop Practice, Kansas State College, Manhattan, Kans. (*Life member.*) 1912.

CARLSTONE, PAUL A., Staff Assistant, Education and Training Dept., International Harvester Co., Chicago, Ill. 1949.

CARLTON, ERNEST W., Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1949.

CARMICHAEL, COLIN, Editor, *Machine Design,* Penton Pub. Co., Cleveland, Ohio. 1934.

CARMICHAEL, LEONARD, President, Tufts College, Medford, Mass. 1949.

CARMICHAEL, RONALD L., Instructor in Chemical and Metallurgical Engineering, Colorado School of Mines, Golden, Colo. 1948.

CARPENTER, CARLEY F., Instructor in Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1947.

CARPENTER, EDWARD L., Assistant Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1922.

CARPENTER, HOWARD J., Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

CARPENTER, JAMES H., Manager, Engineering Training, Carrier Corporation, Syracuse, N. Y. 1949.

CARPENTER, MORRIS T., Executive Director, Whiting Laboratories Research Dept., Standard Oil Co., Chicago 80, Ill. 1949.

CARPENTER, OTTO, Coordinator of College Relations, Western Electric Co., 195 Broadway, New York City. 1936.

CARPENTER, SAMUEL T., Professor and Chairman, Dept. of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1936.

CARR, A. R., Dean, College of Engineering, Wayne University, Detroit, Mich. 1927.

CARR, CLIFFORD C., Professor and Head, Dept. of Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1926.

CARR, T DEWITT, Dean of Engineering, University of Kansas, Lawrence, Kans. 1947.

CARRAGAN, GEORGE H., Professor and Head, Dept. of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

CARROLL, CHARLES L., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1947.

CARROLL, PENN L., Como., U.S.N., Retired, U. S. Dept. of State Visiting Professor of Electrical Engineering, Special Assistant to the President, Instituto Tecnologico de Monterrey, Monterrey, N. L., Mexico. 1950.

CARRUTHERS, JOHN L., Professor and Chairman, Dept. of Ceramic Engineering, The Ohio State University, Columbus, Ohio. 1929.

CARSON, WILLIAM H., Dean, College of Engineering, University of Oklahoma, Norman, Okla. (*Member of Council, 1950–52.*) 1942.

CARSTENS, M. ROBERT, Assistant Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

CARTER, ARTHUR H., Associate Professor of General Engineering, Purdue University, Lafayette, Ind. 1948.

CARTER, CLYDE L., Assistant Research Engineer, Engineering Experiment Station, University of Tennessee, Knoxville, Tenn. 1947.

CARTER, DEANE G., Professor of Form Structures, University of Illinois, Urbana, Ill. 1947

CARTER, GEORGE W., Associate Professor of Mechanical Engineering, University of Utah, Salt Lake City, Utah. 1950.

CARTER, GORDON K., Associate Professor of Electrical Engineering, University of Virginia, Charlottesville, Va. 1946.

CARTER, HAROLD S., Professor of Civil Engineering, University of Utah, Salt Lake City, Utah. 1924.

CARTIER, LEONARD, Associate Professor of Hydraulics, Ecole Polytechnique, Montreal, Canada. 1942.

CARTWRIGHT, PAUL A., Asst. Prof. in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1945.

CARVER, LLOYD A., Assistant Professor of Electrical Engineering. 1946.

CARVER, WILLIAM O., Instructor in Agricultural Engineering, Michigan State College, East Lansing, Mich. 1949.

CARVIN, FRANK D., Director, Dept. of Mechanical Engineering, Illinois Institute of Technology, Chicago 16, Ill. (*Member of Council, 1948.*) 1925.

CASAGRANDE, ARTHUR, Gordon McKay Professor of Soil Mechanics and Foundation Engineering, Graduate School of Engineering, Harvard University, Cambridge, Mass. 1935.

CASARES L., JORGE, Dean, Facultad de Ciencias, Matematicas y Fisicas, Universidad Central del Ecuador, Quito, Ecuador, S. A. 1945.

CASBERG, CARL H., Professor Emeritus of Mechanical Engineering, University of Illinois, Urbana, Ill. (Home: 242 Oregon Avenue, Palo Alto, Calif.) 1933.

CASE, ALLANDO A., Associate in Mechanical Engineering (Retired), Georgia Institute of Technology, Atlanta, Ga. (Home: Box 16, Carrollton, Ga.) 1932.

CASE, GEO. W., Dean Emeritus, College of Technology, University of New Hampshire, Durham, N. H. Residence: North Manchester, Ind. (*Member of Council, 1934–37; Vice President, 1938–39.*) (*Life member.*) 1914.

CASE, HARRY W., Associate Professor of Engineering and Psychology, University of California, Los Angeles, Calif. 1947.

CASEMAN, AUSTIN B., Instructor in Civil Engineering, State College of Washington, Pullman, Wash. 1951.

CASEY, EDWARD J., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

CASHMAN, ROBERT D., Director of Placement, University of Rhode Island, Kingston, R. I. (*On leave—U. S. Navy.*) 1949.

CASON, F. LYNN, Head, Placement Service for Men, Purdue University, Lafayette, Ind. 1947.

CASSELL, WALLACE L., Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1939.

CASSINIS, GINO, Directore del Politechnico di Milano, Milan, Italy. 1947.

CASTELLANOS, LEO J., Assistant Professor of Mechanical Engineering, University of Houston, Houston, Texas. 1949.

CASTLE, DREW W., Instructor in Engineering Drawing, Joliet Junior College, Joliet, Ill. 1949.

CASTLEMAN, FRANCIS L., JR., Dean of Engineering, University of Connecticut, Storrs, Conn. 1938.

CASTLEMAN, JOHN R., Professor and Acting Head, Dept. of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1930.

CASTONGUAY, THOMAS T., Professor and Head, Dept. of Chemical Engineering, University of New Mexico, Albuquerque, N. M. 1945.

CATHER, CARL H., Professor and Head, Dept. of Mechanics, West Virginia University, Morgantown, W. Va. 1936.

CATHER, HAROLD M., Professor and Head, Dept. of Mechanical Engineering, West Virginia University, Morgantown, W. Va. 1937.

CATLIN, HERBERT P., Head, Dept. of Student Aid, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

CAUGHEY, R. A., Professor of Structural Engineering, Iowa State College, Ames, Iowa. 1911.

CAVANAUGH, JOHN J., President, University of Notre Dame, Notre Dame, Ind. 1949.

CAVERLEY, LOYST C., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1927.

CAYWOOD, WILLIAM P., JR., Assistant Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1950.

CEAGLSKE, NORMAN H., Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1944.

CEBULA, RICHARD S., Assistant Professor of Civil Engineering, St. Martin's College, Olympia, Wash. 1951.

CEHRS, CHARLES H., Assistant Professor of Engineering, University of California, Berkeley 4, Calif. 1948.

CELL, JOHN W., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1936.

CERECEDA, FRANCESCO, Rector, Universidad Santa Maria, Valparaiso, Chile, S. A. 1945.

CERMAK, JACK E., Assistant Professor of Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1949.

CHADERTON, JULIAN C., Assistant Professor of Civil Engineering, University of Illinois, Chicago, Ill. 1942.

CHADWICK, THEODORE A., Professor of Architecture, Kansas State College, Manhattan, Kans. 1948.

CHAIKIN, PHILIP, Instructor in Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1950.

CHALLENNER, ANSEL, Associate Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1948.

CHAMBERLAIN, DONALD F., Professor of Chemical Engineering, Washington University, St. Louis, Mo. 1947.

CHAMBERLAIN, HAROLD N., Director, Counseling and Testing Dept., Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

CHAMBERLAIN, JOS. J., Professor of Civil Engineering, University of Dayton, Dayton, Ohio. 1940.

CHAMBERLAIN, MARGUERITE, Eastman Librarian, Massachusetts Institute of Technology, Cambridge, Mass. 1941.

CHAMBERLAIN, ROBERT F., Assistant Dean, College of Engineering, Cornell University, Ithaca, N. Y. 1946.

CHAMBERLIN, STEPHEN J., Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1935.

CHAMBERS, ALVIN L., Associate Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1938.

CHAMBERS, CARL C., Dean, Moore School, University of Pennsylvania, Philadelphia, Pa. 1943.

CHAMBERS, CARLETON A., Assistant Professor of General Engineering, University of Southern California, Los Angeles, Calif. 1949.

CHAMBERS, R. FRED, Director of Placement Bureau, University of Colorado, Boulder, Colo. 1948.

CHAMBERS, WILBUR W., Instructor in Mathematics, Purdue University Extension, Indianapolis, Ind. 1948.

CHAMBERS, WILLIAM R., Professor and Head, Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

CHAMPAGNE, RALPH G., City Engineer, Public Works, Troy, N. Y. 1948.

CHANG, SHURMAN Y., Assistant Professor of Electrical Engineering, University of Massachusetts, Amherst, Mass. 1950.

CHAPEL, RAYMOND E., Assistant Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1947.

CHAPIN, LLOYD W., Dean of Faculties, Georgia Institute of Technology, Atlanta, Ga. 1946.

CHAPMAN, ALAN J., Assistant Professor of Mechanical Engineering, Rice Institute, Houston, Texas. 1947.

CHAPMAN, C. ROBERT, Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1949.

CHAPMAN, EDWARD A., Librarian, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

CHAPMAN, HARRISON, Head, Dept. of Chemical Engineering, Melbourne Technical College, Melbourne, Victoria, Australia. 1948.

CHAPMAN, ROBERT G., Chief Engineer, The Pfandler Co., Rochester, N. Y. 1939.

CHAPMAN, STUART W., Associate Professor of Humanistic Social Studies and Acting Exec. Officer, University of Washington, Seattle, Wash. (*Member of Council, 1951–53.*) 1949.

CHASE, ARTHUR S., Associate Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1949.

CHASE, CHARLES H., Professor Emeritus of Mechanical Engineering, Tufts College, Medford, Mass. *Life member.* 1935.

CHASE, ELWYN F., Professor of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1948.

CHASE, HOWARD W., Assistant Professor of Shop Practices, State College of Washington, Pullman, Wash. 1947.

CHASE, WILLIAM F., Instructor in Mechanical Engineering, University of Detroit, Detroit, Mich. 1950.

CHASTEEN, JACK S., Assistant Professor of Mechanical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1946.

CHEADLE, J. NORMAN, Associate Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1947.

CHEATHAM, JAMES C., Assistant Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1941.

CHEDSEY, WILLIAM R., Professor of Mining Engineering, University of Illinois, Urbana, Ill. 1951.

CHEEK, FRANK J., JR., Professor of Sanitary Engineering, University of Kentucky, Lexington, Ky. 1924.

CHELBERG, RAYMOND R., Associate Professor and Head of Chemistry, Michigan College of M. & T., Sault St. Marie, Mich. 1945.

CHENEA, PAUL F., Associate Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1948.

CHENEY, LLOYD T., Assistant Professor of Civil Engineering, Wayne University, Detroit, Mich. 1946.

CHENOWETH, HARRY H., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1950.

CHERRY, CARLTON E., Head, Dept. of Engineering, College of Marin, Kentfield, Calif. 1930.

CHERRY, LLOYD B., Professor & Head, Electrical Engineering Department, Lamar State College of Technology, Beaumont, Tex. 1951.

CHESIRE, ESTHER E., Librarian, Technology Staff, Carnegie Library of Pittsburgh, Pittsburgh, Pa. 1944.

CHESNUT, D. LEE, Manager of Sales, Educational Section, Apparatus Dept., General Electric Co., Schenectady, N. Y. 1946.

CHETRICK, M. H., Associate Professor of Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1946.

CHEW, WOODROW W., Professor and Head, Department of Chemical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

CHIERI, PERICLE A., Associate Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1947.

CHILDERS, GEORGE H., Assistant in Research, University of Florida, Gainesville, Fla. 1950.

CHILDS, WYLIE J., Associate Professor of Metallurgy, Lafayette College, Easton, Pa. 1949.

CHILTON, THOMAS H., Technical Director, Development Engineering Dept., E. I. du Pont de Nemours & Co., Wilmington, Del. 1939.

CHINBURG, CARL H., Assistant Professor of Electrical Engineering, Colorado State College of Agriculture, Fort Collins, Colo. 1947.

CHIPAK, ROBERT F., Instructor in Industrial and Engineering Administration, Cornell University, Ithaca, N. Y. 1950.

CHIPMAN, JOHN, Professor of Metallurgy, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

CHITTENDEN, HIRAM M., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1950.

CHRISTENSEN, GLENN J., Visiting Associate Professor of English, Columbia University, New York 27, N. Y. 1946.

CHRISTENSEN, N. A., Professor and Director, School of Civil Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1948.*) 1938.

CHRISTIANSEN, E. B., Professor and Head, Dept. of Chemical Engineering, University of Utah, Salt Lake City, Utah. 1948.

CHRISTIANSEN, JERALD E., Dean, School of Engineering, Utah State Agricultural College, Logan, Utah. 1946.

CHRISTIANSON, L. C., Assistant Professor of Drawing, Missouri School of Mines, Rolla, Mo. 1946.

CHRISTIE, ALEXANDER G., Professor Emeritus of Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. *Twenty-first Recipient, Lamme Medal (1948).* 1923.

CHRISTMAN, WEBSTER M., Assistant Professor of Engineering Drawing, University of Wisconsin, Extension Division, Milwaukee, Wis. 1947.

CHRISTOPHERSON, CLARENCE H., Associate Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1947.

CHU, JU C., Associate Professor of Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1947.

CHUKWUEMEKO, NWANKWO, Assistant Professor of Mechanical Engineering, Howard University, Washington, D. C. 1947.

CHUMLEY, JOSEPH G., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1949.

CHURAK, ANTHONY P., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

CHURBUCK, LEWIS M., President, The Aeronautical University, Chicago, Ill. 1943.

CHURCH, AUSTIN H., Professor and Chairman, Dept. of Mechanical Engineering, New York University, New York, N. Y. 1940.

CHURCH, EDWIN F., JR., Professor of Mechanical Engineering, Emeritus, The Polytechnic Institute of Brooklyn, Brooklyn, N. Y. *Life member.* 1910.

CHURCHILL, EVERETT A., Vice President, Northeastern University, Boston, Mass. 1946.

CHURCHILL, LAWRENCE S., Assistant Director, Institute of Industrial Research, University of Louisville, Louisville, Ky. 1947.

CIURLYS, JURGIS, 138–15 231st St., Laurelton L. I., Rosedale 10, N. Y. 1949.

CLAIBORNE, HARRY C., 182 Hillside Road, Apt. A, Oak Ridge, Tenn. 1947.

CLAMONS, ERIC H., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1948.

CLANTON, JACK R., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1947.

CLARK, ADRIAN N., Vice President, and Editor D. Van Nostrand Co., 250 Fourth Ave., New York 3, N. Y. 1941.

CLARK, ANDREW G., Head, Dept. of Mathematics, Colorado State College of Agriculture, Fort Collins, Colo. 1947.

CLARK, DAVID S., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. (*Member of Council, 1950–52.*) 1932.

CLARK, DONALD S., Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1942.

CLARK, EDGAR C., Associate Professor of Mechanics, The Ohio State University, Columbus, Ohio. (*Member of Council, 1949–51.*) 1928.

CLARK, EDWARD L., President, Multnomah College, Portland, Ore. 1950.

CLARK, EDWIN E., Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1922.

CLARK, GEORGE B., Assistant Professor of Mineral Engineering, University of Illinois, Urbana, Ill. 1950.

CLARK, GEORGE W., Associate Professor of Civil Engineering, Ohio University, Athens, Ohio. 1949.

CLARK, HERBERT M., Professor of Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y. 1951.

CLARK, JAMES C., Professor and Head, Dept. of Electrical Engineering, University of Arizona, Tucson, Ariz. 1912.

CLARK, JAMES G., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1949.

CLARK, LEROY W., William Howard Hart Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1922.

CLARK, LYLE G., Instructor in Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1950.

CLARK, MARLYN E., Instructor in Mechanics, University of Illinois, Urbana, Ill. 1951.

CLARK, RODERICK D. M., Instructor in Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

CLARK, ROY E., Associate Professor of Heat Power Engineering, Cornell University, Ithaca, N. Y. 1937.

CLARK, WILLIAM C., Instructor in Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1948.

CLARK, WILLIAM E., Instructor in Mechanical Engineering, University of New Hampshire, Durham, N. H. 1951.

CLARKE, CHARLES B., Assistant Professor of Civil Engineering, University of Rhode Island, Kingston, R. I. 1951.

CLARKE, EDITH, Professor of Electrical Engineering, University of Texas, Austin, Texas. 1947.

CLARKE, ELWYN L., Professor Emeritus, Dept. of Civil Engineering, Clemson College, Clemson, S. C. *Life member.* 1921.

CLARKE, JAMES G., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1943.

CLAUS, ROGER J., Instructor in Civil Engineering, Michigan State College, East Lansing, Mich. 1950.

CLAUSEN, JOHN N., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1950.

CLAUSER, MILTON U., Head of School of Aeronautics, Purdue University, Lafayette, Ind. 1950.

CLAYBAUGH, HOWARD S., Division Engineer, Drainage Dept., Armco Drainage & Metal Products Inc., 4345 Lyndale Ave., N., Minneapolis, Minn. 1947.

CLAYPOOLE, LYNNFORD E., Professor of Electrical Engineering, State University of New York, Buffalo, N. Y. 1950.

CLAYTON, LESLIE A., Assistant Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1948.

CLAYTON, MAURICE H., Instructor in Mathematics, North Carolina State College, Raleigh, N. C. 1947.

CLEAR, JAMES A., Instructor in Drawing, Wright Junior College, Chicago, Ill. 1946.

CLEARY, STEPHEN F., Professor and Head, Dept. of Engineering Drawing, Cornell University, Ithaca, N. Y. 1932.

CLEETON, GLEN U., Dean, Div. Humanistic and Social Studies, Carnegie Institute of Technology, Pittsburgh, Pa. 1944.

CLEGHORN, MARK P., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1910.

CLEMENS, GEORGE J., Assistant Professor of Drawing, City College of New York, New York, N. Y. 1949.

CLEMENT, STUART H., Associate Director, Student Appointment Bureau, Yale University, New Haven, Conn. 1949.

CLEMENT, WILLIAM B., Instructor in Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1940.

CLEMENT, WILLIAM D., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1947.

CLEMENTS, DONALD F., Assistant Professor of Electrical Engineering, University of Delaware, Newark, Del. 1950.

CLEMENTS, S. EUGENE, Associate Professor of Electrical Engineering, 805 Jefferson Ave., Falls Church, Va. 1940.

CLEMENTS, WILLIAM B., Instructor in Mechanical Engineering, University of Delaware, Newark, Del. 1949.

CLEVELAND, LAURENCE F., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1930.

CLEVELAND, ROGER M., Assistant Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1950.

CLIFFORD, A. CHESTER, Assistant Supt., Western Electric Co., Kearny, N. J. 1944.

CLINE, JOHN E., Instructor in Chemistry, Philadelphia Textile Institute, Philadelphia, Pa. 1951.

CLOCK, LOUIS S., Associate Professor of Applied Mechanics, University of Detroit, Detroit, Mich. 1948.

CLOKE, JOHN B., Professor and Head of Organic Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

CLOKE, PAUL, Dean Emeritus, College of Technology, University of Maine, Orono, Maine. (*Vice President, 1932–33; Member of Council, 1928–31.*) *Life Member.* 1919.

CLOTHIER, JOHN B., Associate Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1947.

CLOUSE, JOHN H., Dean, University of Miami, Coral Gables, Fla. 1927.

CLOWER, JAMES I., Professor and Chairman, Dept. of Mechanical Engineering, University of Delaware, Newark, Del. 1937.

CLUVERIUS, WAT T., President, Worcester Polytechnic Institute, Worcester, Mass. 1943.

COAN, JOHN M., Professor, Department of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1944.

COATES, JESSE, Professor of Chemical Engineering, Louisiana State University, University, La. 1939.

COBB, ARNOLD C., Assistant Professor of Engineering, University of Illinois, Navy Pier, Chicago, Ill. 1949.

COBB, RICHARD N., Associate Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1947.

COBINE, JAMES D., Research Physicist, General Electric Co., Research Laboratory, Schenectady, N. Y. 1938.

COBURN, THEODORE, Assistant Vice President, John Wiley and Sons, Inc., 7779 Hollywood Blvd., Hollywood 46, Calif. 1925.

COCHRAN, LYALL B., Associate Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1948.

COCKE, RANDOLPH P., JR., Junior Engineer, Relay Dept., Virginia Electric & Power Co., P. O. Box 1194, Richmond, Va. 1948.

CODE, WILLIAM E., Associate Professor of Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1950.

COGBURN, CECIL O., Instructor in Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1950.

COHEN, RAYMOND, Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

COKE, JOHN M. Professor and Head, Dept. of Descriptive Geometry and Engineering Drawing, Colorado School of Mines, Golden, Colo. 1945.

COLBERT, JULES P., Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1935.

COLBURN, ALLAN P., Provost, Chemical Engineering, Experiment Station, University of Delaware, Newark, Del. 1938.

COLBY, HOWARD R., Instructor in Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

COLCORD, JOSIAH E., Instructor in Civil Engineering, University of Washington, Seattle, Wash. 1950.

COLE, DAVID H., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1946.

COLE, RICHARD H., Lecturer in Mechanical Engineering, Northwestern Technological Institute, Evanston, Ill. 1948.

COLE, ROBERT C., Professor of Drawing, University of Michigan, Ann Arbor, Mich. 1948.

COLE, ROBERT W., Expediter, L. G. Balfour Co., Attleboro, Mass. 1939.

COLEMAN, JOHN B., Associate Professor of Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1951.

COLEMAN, RALPH H., Associate Professor of Mathematics, Evansville College, Evansville, Ind. 1950.

COLEMAN, RALPH M., Associate Professor of Engineering, Texas Western, El Paso, Texas. 1948.

COLGAN, ARTHUR R., Assistant Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1949.

COLLESTER, CLINTON H., Head, Dept. of English, Franklin Technical Institute, 41 Berkeley St., Boston, Mass. 1948.

COLLIER, HERMAN E., Assistant Professor of General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

COLLIER, IRA L., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1924.

COLLIER, MARJORIE S., Instructor in Mechanical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1950.

COLLINS, ALTON W., Director of Technical Extension Division, Purdue University, Indianapolis, Ind. 1948.

COLLINS, BASIL K., Assistant Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1935.

COLLINS, HERBERT, Assistant Professor of Social Studies, North Carolina State College, Raleigh, N. C. 1947.

COLLINS, H. JOHN, Chadwick Professor of Civil and Municipal Engineering, University College, London, England. 1947.

COLLINS, HUBERT W., Associate Professor of Civil Engineering, Colorado State College of Agriculture, Fort Collins, Colo. 1948.

COLLINS, W. LEIGHTON, Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1932.

COLLYER, NORMAN, Retired, 32 Tennis Place, Forest Hills, N. Y. 1919.

COLVERT, WILLIAM W., Associate Professor of Physics and Registrar, Illinois Institute of Technology, Chicago, Ill. 1935.

COLVIN, CHARLES H., Director, Colvin Laboratories, Egbert Hill, Morristown, N. J. 1941.

COMASSAR, SEYMOUR, Lt., USNR, Dept. of Marine Engineering, U. S. Naval Academy, Annapolis, Md. 1948.

COMBS, LEWIS B., Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

COMINGS, EDWARD W., Professor of Chemical Engineering and Head, School of Chemical and Metallurgical Engineering, Purdue University, Lafayette, Ind. 1951.

COMP, LAVERNE A., Professor and Head, Dept. of Aeronautical Engineering, University of Oklahoma, Norman, Okla. 1947.

COMPTON, KARL T., President Emeritus, Chairman of Corporation, Massachusetts Institute of Technology, Cambridge, Mass. (*Member of Council, 1933–36, 1937–46; Vice President, 1937–38; President, 1938–39.*) *Twenty-second Recipient, Lamme Medal (1949).* 1929.

CONDIT, CARL W., Assistant Professor of English, Northwestern University, Evanston, Ill. 1949.

CONDIT, KENNETH H., Dean, School of Engineering, Princeton University, Princeton, N. J. (*Member of Council, 1939–42.*) 1937.

CONKLIN, WILLET T., Assistant Professor of English, University of Texas, Austin, Texas. 1945.

CONLEY, HUGH G., Assistant Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1939.

CONLON, EMERSON W., Professor and Chairman, Dept. of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

CONNELL, CHARLES R., Assistant Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

CONNELL, GERALD P., Professor and Head, Dept. of Chemical Engineering, Lawrence Institute of Technology, Highland Park, Mich. 1947.

CONNER, JOHNSON S., Assistant Professor of Mechanical Drawing, Louisiana State University, Baton Rouge, La. 1948.

CONNER, NORVAL W., Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1931.

CONOVER, LAWRENCE J., Associate Professor of Electrical Engineering, Lafayette College, Easton, Pa. 1942.

CONRAD, ALBERT G., Chairman, Dept. of Electrical Engineering, Yale University, New Haven, Conn. (*Member of Council, 1948–50.*) 1929.

CONRAD, FRANK H., Professor of Chemical Engineering, Missouri School of Mines, Rolla, Mo. 1938.

CONRAD, LOWELL E., Professor Emeritus of Civil Engineering Kansas State College, Manhattan, Kans. (*Vice President, 1940–41; Member of Council, 1931–34, 1946–49.*) *Life member.* 1908.

CONROE, IRWIN A., Assistant Commissioner for Professional Education, State Dept. of Education, Albany, N. Y. 1942.

CONTA, BARTHOLOMEW J., Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1945.

CONTA, LEWIS D., Chairman, Division of Engineering, Professor of Mechanical Engineering, University of Rochester, Rochester, N. Y. 1949.

CONTE, FRANK J., Civil Engineer, Mohawk Engineering Co., Utica 2, N. Y. 1947.

CONVERSE, FREDERICK J., Professor of Soil Mechanics, California Institute of Technology, Pasadena, Calif. 1946.

CONVERSE, HELEN C., Librarian, Brockton High School, Brockton 19, Mass. 1947.

CONWAY, J. B., Assistant Professor of Chemical Engineering, Villanova College, Villanova, Pa. 1949.

CONWAY, JOHN E., Director of Education and Training, A. O. Smith Corporation, Milwaukee, Wis. 1951.

CONWELL, WALTER L., Assistant Dean, College of Engineering, Cornell University, Ithaca, N. Y. 1946.

CONWELL, WILLIAM A., Instructor in Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

COOGAN, CHARLES H., Jr., Professor and Head, Dept. of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1931.

COOK, ARTHUR L. (Retired), 14 Ashland Street, Worcester 2, Mass. *Life member.* 1913.

COOK, DAVID I., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1946.

COOK, MARSDEN A., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1945.

COOK, RUDYARD M., Professor and Head, Civil Engineering, University of Akron, Akron 4, Ohio. 1941.

COOKE, HENRY C., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1940.

COOKE, NELSON M., Lt. Comdr., USN, Route No. 1, Vienna, Va. 1942.

COOKE, STUART P., Associate Professor of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio. 1939.

COOLEY, ALBERT M., Professor and Head, Dept. of Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1935.

COOLEY, ROBERT A., Associate Professor of Chemical Engineering, Missouri School of Mines, Rolla, Mo. 1949.

COONAN, FRED L., Professor and Head, Dept. of Metallurgy and Chemistry, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

COONLEY, LEWIS S., Professor and Head, Dept. of Chemical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

COONS, KENNETH W., Professor and Head, Dept. of Chemical Engineering, University of Alabama, Tuscaloosa, Ala. 1939.

COONS, STEVEN A., Instructor in Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1949.

COOPER, ALBERT H., Manager, Research Engineering Dept., Davison Chemical Corporation, Baltimore 3, Md. 1936.

COOPER, CHARLES D., Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio. 1942.

COOPER, CHARLES M., Director, Engineering Research Laboratory, E. I. du Pont de Nemours & Co., Wilmington, Del. 1949.

COOPER, GEORGE R., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

COOPER, LEMUEL B., Assistant Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1943.

COOPER, LINTON L., Professor and Head, Dept. of Mechanical Drawing, Louisiana State University, University, La. 1934.

COOPER, MAURICE D., Director, Mining Engineering Education, National Coal Association, Pittsburgh, Pa. 1948.

COOPEY, MARTIN P., Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1943.

COOVER, MERVIN S., Professor and Head, Department of Electrical Engineering, Iowa State College, Ames, Iowa. 1923.

COPE, JOSEPH H., Associate Director, Engineering and Mining Experiment Station, South Dakota School of Mines and Technology, Rapid City, S. D. 1950.

COPE, RALPH L., Assistant Professor of Industrial Engineering, North Carolina State College, Raleigh, N. C. 1939.

COPE, WILLIAM J., Professor and Head, Dept. of Mechanical Engineering, University of Utah, Salt Lake City, Utah. 1937.

COPELAND, EUGENE H., Instructor in Mechanical Engineering, 1804 North Dakota, Albuquerque, N. M. 1950.

COPELAND, HUGH, Director, Technical School, Emboy-Riddle School of Aviation, Miami, Fla. 1948.

COPELAND, PAUL L., Professor of Physics, Illinois Institute of Technology, Chicago, Ill. 1941.

COPPERSMITH, C. W., Associate Professor and Head, Dept. of Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. 1915.

CORCORAN, GEORGE F., Professor and Chairman, Dept. of Electrical Engineering, University of Maryland, College Park, Md. 1926.

CORNELISON, EDWARD D., Counselor, Guidance, Pasadena City College, Pasadena, Calif. 1946.

CORNELL, HELEN R., Instructor in Communications, Institute of Applied Arts & Sciences, State University of New York, Buffalo, N. Y. 1950.

CORNELL, RUSSEL M., Assistant Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1947.

CORNET, ISRAEL I., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

CORNING, LEO H., Manager, Structural and Railways Bureau, Portland Cement Association, Chicago, Ill. 1950.

CORNWALL, RICHARD R., Instructor in Chemical Engineering, School of Mines, Rolla, Mo. 1951.

CORRIGAN, GLEN L., Professor and Head of Petroleum Engineering, Louisiana Polytechnic Institute, Ruston, La. 1949.

CORRIGAN, THOMAS E., Engineering Dept., the Vulcan Copper and Supply Co., Cincinnati 2, Ohio. 1949.

CORTEN, HERBERT T., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1950.

CORTRIGHT, DONALD N., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1951.

CORY, ARTHUR M., Instructor in English, University of Texas, Austin, Texas. 1949.

CORY, WILLIAM L., Assistant Professor of Mechanics, University of Oklahoma, Norman, Okla. 1949.

COSENS, KENNETH W., Assistant Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1947.

COSSA, JOHN A., Associate Professor of Education, Director of Student Personnel, Manhattan College, New York 63, N. Y. 1949.

COSTA, JOHN J., Professor of Civil Engineering, Manhattan College, New York City. 1927.

COSTAKOS, NICHOLAS C., Associate Professor of Mechanics, Missouri School of Mines, Rolla, Mo. (On sabbatical leave at University of Minnesota, Minneapolis, Minn.) 1950.

COTNER, WALTER W., Associate Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1946.

COTTINGHAM, WILLARD S., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1937.

COTTON, G. ROBERT, President, Kansas Technical Institute, Topeka, Kans. 1947.

COTTRELL, C. JAMES, Assistant Professor of Electrical Engineering, Howard University, Washington, D. C. 1948.

COTTRELL, CASPER L., Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

COULAM, JOSEPH, Professor and Head, Dept. of Woodwork and Building Construction, Utah State Agricultural College, Logan Utah. (On leave: U. S. Embassy Tehran, A.P.O. No. 205, c/o P.M., New York City.) 1947.

COULL, JAMES, Professor and Head, Dept. of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1939.

COULTER, RICHARD G., Assistant Professor of Civil Engineering, The Cooper Union, New York, N. Y. 1948.

COUNTS, GERALD A., Professor of Physics and Chemistry, U. S. Military Academy, West Point, N. Y. 1950.

COURNYN, JOHN B., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1949.

COURTNEY, GEORGE W., JR., Assistant Professor of Chemical Engineering, Lafayette College, Easton, Pa. 1950.

COVAN, JACK P., Associate Professor of Industrial Engineering, A. & M. College of Texas, College Station, Texas. 1939.

COVENTRY, NEIL M., Head of Engineering, Multnomah College, YMCA, 831 S.W. 6th Ave., Portland, Ore. 1943.

COVER, GERALD M., Professor of Metallurgy, Case Institute of Technology, Cleveland, Ohio. 1939.

COWELL, SMITH E., Instructor in Physics, 1065 Elkgrove Ave., Venice, Calif. 1949.

COWIE, ALEXANDER, Lecturer in Mechanical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1933.

COWING, GUY R., President, General Motors Institute, Flint, Mich. 1945.

COWLES, HAROLD A., Instructor in General Engineering, Iowa State College, Ames, Iowa. 1951.

COWLES, WILLIAM H. H., Professor and Head, Department of Mathematics, Pratt Institute, Brooklyn, N. Y. 1929.

COX, DELBERT R., Instructor in Mechanics, Missouri School of Mines, Rolla, Mo. 1951.

COX, GEORGE B., Head, Industrial Engineering, Oregon State College, Corvallis, Ore. 1949.

COX, GLEN N., Professor and Chairman of Hydraulics and Mechanics, New York University, New York 53, N. Y. 1935.

COX, WELBY, JR., Educational Specialist, Radio Mechanics Dept., U. S. Air Force Technical School, Belleville, Ill. 1950.

COX, WILLIAM N., Professor and Head, Dept. of Safety Engineering, Georgia Institute of Technology, Atlanta, Ga. 1945.

COYLE, FRANK J., Associate, Bureau of Trade and Technical Education, N. Y. State Dept. of Education, Albany, N. Y. 1951.

CRABTREE, FREDERICK H., Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1934.

CRABTREE, KENNETH G., Professor of Electrical Engineering, University of Maine, Orono, Maine. 1942.

CRAIG, ROBERT N. 1947.

CRAIGIE, LAURENCE C., Vice Commander, Far Eastern Air Forces, A. P. O. 925, c/o P. M., San Francisco, Calif. 1949.

CRAIN, HARRY M. 1943.

CRAMER, CARL C., Assistant Professor of General Engineering, Technical Extension Division, Purdue University, Columbus, Ind. 1948.

CRAMER, ERNEST S., Graduate Fellow in Chemical Engineering, Cornell University, Ithaca, N. Y. 1943.

CRAMER, GLENN E., Instructor in Design, University of Illinois, Navy Pier, Chicago, Ill. 1949.

CRAMER, PAUL, Assistant Professor of Mathematics and Engineering, Monmouth College, Monmouth, Ill. 1947.

CRANDALL, LEE W., Associate Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1951.

CRANDALL, STEPHEN H., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

CRANE, EDWARD M., President, D. Van Nostrand Co., 250 Fourth Ave., New York, N. Y. 1944.

CRANK, ROBERT E., Assistant Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1951.

CRATE, HARRY W., Professor of Engineering, Schreiner Institute, Kerrville, Texas. 1949.

CRAUN, HORACE D., Associate Professor of Electrical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

CRAWFORD, CHARLES W., Professor and Head, Department of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1923.

CRAWFORD, HARRY L., Assistant Registrar and Associate Professor, Michigan College of M. & T. Sault Ste. Marie, Mich. 1946.

CRAWFORD, IVAN C., Professor of Civil Engineering, University of Denver, Denver, Colo. (*Member of Council, 1929–32; Vice President, 1936–37.*) 1913.

CRAWFORD, JOHN H., Dean of Engineering, Merrimack College, Andover, Mass. 1951.

CRAWFORD, T. STEPHEN, Dean, College of Engineering, and Director, Engineering Experiment Station, University of Rhode Island, Kingston, R. I. 1936.

CRAWFORD, WILLIAM E., Executive in Charge of Research and Engineering Dept., A. O. Smith Corp., Milwaukee, Wis. 1949.

CREAGER, PAUL S., Associate Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1923.

CREAMER, WALTER J., Professor and Head, Dept. of Electrical Engineering, University of Maine, Orono, Maine. 1922.

CREDLE, ALEXANDER B., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1935.

CREECH, MERL D., Professor of Mechanics, University of Oklahoma, Norman, Okla. 1947.

CREEK, HERBERT L., Professor Emeritus of English, Purdue University, Lafayette, Ind. *Life member.* 1922.

CREELMAN, GEORGE D., Research Coordinator, M. A. Hanna Company, Cleveland, Ohio. 1951.

CREESE, JAMES, President, Drexel Institute of Technology, Philadelphia, Pa. 1934.

CREUTZ, E., Professor of Physics, Carnegie Institute of Technology, Pittsburgh, Pa. 1951.

CREW, WILLIAM H., Assistant Director for Scientific Personnel, Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, N. M. 1946.

CREWE, GEORGE F., Instructor in Chemical Engineering, West Virginia University, Morgantown, W. Va. 1948.

CREWS, DONALD L., Assistant Professor of Metallurgical Engineering, University of Cincinnati, Cincinnati, Ohio. 1949.

CRILLY, EUGENE R., Full Time Student, University of Pennsylvania, Philadelphia, Pa. 1949.

CRIM, ELMER B., Director, Co-operative Education, Stetson University, DeLand, Fla. 1951.

CROFT, HUBER O., Dean of Engineering, Director of Experimental Station, University of Missouri, Columbia, Mo. (*President, 1946–47; Member of Council, 1944–50.*) 1931.

CROMER, ORVILLE C., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

CROMWELL, LESLIE, Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

CROMWELL, PAUL C., Professor and Head, Dept. of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1935.

CRONIN, JAMES L., JR., Assistant Professor of Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

CRONK, ALFRED E., Assistant Professor of Aeronautical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

CRONVICH, JAMES A., Professor of Electrical Engineering, Tulane University, New Orleans, La. 1950.

CROOK, CHARLES W., Assistant Professor of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1949.

CROPSEY, MYRON G., Associate Professor of Agricultural Engineering, Oregon State College, Corvallis, Ore. 1948.

CROSBY, HOWARD A., Instructor in Electrical Engineering, University of Maine, Orono, Maine. 1948.

CROSBY, LEMUEL S., General Personnel Supervisor, Long Lines Dept., American Telephone and Telegraph Co., 32 6th Ave., New York, N. Y. 1929.

CROSEN, ROBERT G., Dean of Faculty, Lafayette College, Easton, Pa. 1948.

CROSIER, CLAYTON M., Assistant Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1948.

CROSLAND, DOROTHY M., Librarian, Georgia Institute of Technology, Atlanta, Ga. 1944.

CROSNO, C. DONALD, Associate Professor of Electrical Engineering, New Mexico State College, State College, N. M. 1945.

CROSS, EDWARD F., Professor and Head, Engineering Department, Walla Walla College, College Place, Wash. 1947.

CROSS, HARDY, Professor and Chairman, Dept. of Civil Engineering, Yale University, New Haven, Conn. *Seventeenth Recipient, Lamme Medal (1944).* 1912.

CROSSLEY, F. R. ERSKINE, Assistant Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1943.

CROSSMAN, RALPH S., Assistant Professor Emeritus of General Engineering Drawing, University of Illinois, Urbana, Ill. *Life Member.* 1919.

CROTHERS, H. M., Vice President and Dean, South Dakota State College, Brookings, S. D. (*Second Vice President, 1944–46.*) 1923.

CROUCH, JOEL E., Associate Professor of Economics of Engineering, Stevens Institute of Technology, Hoboken, N. J. 1940.

CROUCH, W. GEORGE, Professor of English, University of Pittsburgh, Pittsburgh, Pa. 1940.

CROUSE, CHARLES S., Head, Mining & Metallurgy Depts., University of Kentucky, Lexington, Ky. 1951.

CROUSE, WILLIAM H., Editor, Technical Education Dept., McGraw-Hill Book Co., 330 W. 42 St. New York 18, N. Y. (On leave: Charlottesville, Va.) 1943.

CROWDER, BERT A., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1941.

CROWDER, JERAL J., Petroleum Engineer, Quintana Petroleum Corp., Houston, Texas. 1950.

CROWLEY, LENORA M., Instructor in Mathematics, Indiana Technical College, Fort Wayne, Ind. 1948.

CROWNINSHIELD, WILLIAM W., Head, Mechanical Dept., Franklin Technical Institute, Boston, Mass. 1951.

CRUMP, JOSEPH R., Associate Professor of Chemical Engineering, University of Houston, Houston, Texas. 1949.

CSANYI, LADIS H., Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1949.

CUDD, JACK B., Technical Instructor, Vocation Dept., University of Houston, Houston, Texas. 1949.

CUDWORTH, JAMES R., Dean, College of Engineering, University of Alabama, University, Ala. 1934.

CULBERTSON, WILLIAM W., Associate Professor of Metallurgy, Case Institute of Technology, Cleveland, Ohio. 1949.

CULLIMORE, ALLEN R., President Emeritus, Newark College of Engineering, Newark, N. J. (*Vice President, 1943–44; Member of Council, 1940–43.*) 1914.

CUMBERLAND, ROBERT W., Associate Professor of English and Humanities, The Cooper Union, New York, N. Y. 1944.

CUMMINGS, HAROLD N., Vice President, Newark College of Engineering, Newark, N. J. 1930.

CUMMINGS, ROBERT J., Assistant Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1949.

CUMMINS, KENNETH D., Instructor in Civil Engineering, University of Detroit, Detroit, Mich. 1950.

CUNNINGHAM, CHARLES W., Associate Professor of Civil Engineering, College of the City of New York, New York City, N. Y. 1936.

CUNNINGHAM, JOHN B., Professor and Head of Metallurgy and Mining, University of Arizona, Tucson, Ariz. 1936.

CURL, GAROLD W., Research Assistant, Physics Dept., Institute of Atomic Research, Ames, Ia. 1950.

CURRAN, BROTHER HENRY, Instructor in Engineering, St. Edward's University, Austin, Tex. 1951.

CURRAN, T. BAILEY, Professor and Head of Industrial Engineering, Metallurgy and Chemistry Dept., Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

CURRAN, THOMAS M., Professor of Naval Architecture, Webb Institute of Naval Architecture, Glen Cove, Long Island, N. Y. 1943.

CURRY, WALTER A., Professor and Executive Officer of Electrical Engineering, Columbia University, New York, N. Y. 1928.

CURTIS, CHARLES V., Director of Technical Publications, Central Radio and Television Schools, Kansas City, Mo. 1950.

CURTIS, DONALD D., Professor and Head, Dept. of Mechanics and Hydraulics, Clemson College, Clemson College, S. C. 1923.

CURTIS, FRANCIS J., Vice President and Director, Monsanto Chemical Co., St. Louis, Mo. 1949.

CURTIS, KENNETH S., Instructor in Surveying and Civil Engineering, Purdue University, Lafayette, Ind. 1950.

CUSHING, ROBERT F., Educational Specialist, Amarillo Air Force Base, Amarillo, Texas. 1950.

CUSHMAN, OTIS F., Associate Professor of Engineering Drawing, Northeastern University, Boston, Mass. 1948.

CUTSHALL, CHESTER S., Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1941.

CUTTS, CHARLES E., Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1949.

CUYKENDALL, TREVOR R., Professor and Assistant Director of Engineering Physics, Cornell University, Ithaca, N. Y. 1951.

DAASCH, HARRY L., Dunlap, Ia. 1947.

DABNEY, WALTER H., Associate Professor of Civil Engineering, Tennessee A. & I. State College, Nashville, Tenn. 1951.

DAGGETT, P. H., Rutgers University (Retired), New Brunswick, N. J. (*Member of Council, 1921–24; Vice President, 1935–36.*) 1910.

DAHL, GUSTAV C., Engineer, Jackson & Moreland, Engineers, 600 Park Square Bldg., Boston 16, Mass. 1932.

DAILEY, LAURENCE T., Assistant Professor of Chemical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1947.

DAILY, EUGENE J., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1950.

DAKAN, ARTHUR W., Lecturer of Engineering, University of Southern California, Los Angeles, Calif. 1947.

DAKE, EARL D., Dean and Professor of Civil Engineering, South Dakota School of Mines, Rapid City, S. D. 1940.

DALESSIO, JOHN, Assistant Professor of Civil Engineering, Stevens Institute of Technology, Hoboken, N. J. 1948.

DALEY, JOHN L., Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1940.

DALLAVALLE, JOSEPH M., Professor of Chemical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1949.

DALY, JEROME J., Associate Professor of Mining Engineering, University of North Dakota, Grand Forks, N. D. 1946.

DALZELL, J. RALPH, Managing Editor, Editorial Dept., American Technical Society, Chicago, Ill. 1949.

D'AMATO, GUY A., Instructor in Engineering Drawing, Tufts College, Medford, Mass. 1944.

DAMM, JOHN A., General Electric Co., Schenectady, N. Y. 1947.

DAMODARAN, GOVINDASWAMY R., Principal, P. S. G. & Son's Charities College of Technology, Peelamedu, Coimbatore, India. 1949.

DANA, FOREST C., Professor of General Engineering, Iowa State College, Ames, Iowa. 1923.

DANA, HOMER J., Director, Engineering Experiment Station, Washington State College, Pullman, Wash. 1947.

DANFORTH, GEORGE E., Assistant Professor in Architecture, Illinois Institute of Technology, Chicago, Ill. 1950.

DANFORTH, HOWARD E., Instructor in Mechanical Drawing, Arlington High School, Arlington, Mass. 1946.

DANGEL, HERBERT A., Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1946–47.*) 1944.

DANIEL, KENNETH R., Chief Engineer, American Cast Iron Pipe Co., Birmingham, Ala. 1948.

DANIEL, LAWRENCE R., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

DANIEL, LEE, Assistant Professor of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1945.

DANIELS, JOSEPH, Professor of Mining Engineering and Metallurgy, University of Washington, Seattle, Wash. 1910.

DANIELS, TED E., Project Engineer, Wind Division, Stewart-Warner Corp., Indianapolis, Ind. 1951.

DANIELS, WALTER T., Associate Professor of Civil Engineering, Howard University, Washington, D. C. 1942.

DANNER, ELLIS, Professor of Highway Engineering, University of Illinois, Urbana, Ill. 1947.

D'APPOLONIA, ELIO, Assistant Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1948.

DARBY, HARRY, Chairman of the Board, The Darby Corporation, Kansas City, Kans. 1949.

DASKIN, WALTER, Instructor in Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. 1949.

DAUGHERTY, ROBERT L., Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1942.

DAUGHERTY, VON ROY, Assistant Director, Technical Extension Division, Purdue University, West Lafayette, Ind. 1948.

DAVENPORT, WILBUR B., JR., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

DAVEY, JOHN T., Assistant Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1946.

DAVID, MORTON N., JR., Assistant Professor of Chemical Engineering, University of Utah, Salt Lake City, Utah. 1951.

DAVID, WILLIAM J., Assistant Prof. of Mechanical Engineering, Wayne University, Detroit, Mich. 1948.

DAVIDSON, DARYL E., Reactor Engineer, Research Labs., General Electric Co., Knolls Atomic Power Lab., 425 Peek St., Schenectady, N. Y. 1947.

DAVIDSON, DONALD T., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1948.

DAVIDSON, HAROLD O., Assistant Professor of Mining Engineering, Colorado School of Mines, Golden, Colo. 1947.

DAVIDSON, HAROLD O., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio. 1949.

DAVIDSON, J. BROWNLEE, Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. *Life member.* 1915.

DAVIDSON, WOODROW W., Associate Professor of Engineering Drawing, Arlington State College, Arlington, Texas. 1947.

DAVIES, C. E., Secretary, American Society of Mechanical Engineers, 29 West 39th Street, New York, N. Y. (*Member of Council, 1934–37.*) 1925.

D'AVINO, RALPH F., Associate Professor of Electrical Engineering. 1948.

DAVIS, ALTON F., Secretary, The James F. Lincoln Arc Welding Foundation, 12818 Coit Road, Cleveland, Ohio. 1942.

DAVIS, ARTHUR W., Associate Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1943.

DAVIS, CHARLES M., Assistant Professor of Petroleum Engineering, Box 256, Pennsylvania State College, State College, Pa. 1949.

DAVIS, CHARLES P., Instructor in Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

DAVIS, CHARLES R., Professor of English, Rutgers University, New Brunswick, N. J. 1951.

DAVIS, DENT C., Assistant Professor of Chemical Engineering, University of Denver, Denver, Colo. 1949.

DAVIS, DONALD W., Assistant Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1947.

DAVIS, FRANCIS W., Professor and Chairman, Photography Dept., Ohio State University, Columbus, Ohio. 1949.

DAVIS, GEORGE G., Training Supervisor, Industrial Relations, Republic Steel Corp., Buffalo, N. Y. 1949.

DAVIS, GEORGE W., Associate Professor and Director, Division of Mechanic Arts, Virginia State College, Petersburg, Va. 1943.

DAVIS, HARMER E., Professor of Civil Engineering and Director, Institute of Transportation and Traffic Engineering, University of California, Berkeley, Calif. 1933.

DAVIS, HAROLD S., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1949.

DAVIS, HARVEY N., President Emeritus, Stevens Institute of Technology, Hoboken, N. J. (Home: 42 North Mountain Ave., Montclair, N. J.) (*Member of Council, 1934–37.*) 1929.

DAVIS, HOWARD L., Special Lecturer in Personnel Relations, Newark College of Engineering, Newark, N. J. 1929.

DAVIS, JESS H., President, Stevens Institute of Technology, Hoboken, N. J. 1942.

DAVIS, JOHN F., Instructor in Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1951.

DAVIS, LOUIS E., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1947.

DAVIS, PEARCE, Chairman, Depts. of Business, Economics and Industrial Engineering, Illinois Institute of Technology, Chicago, Ill. 1949.

DAVIS, RALPH H., Supervisor of Engineering Training, Westinghouse Electric Corp., East Pittsburgh, Pa. 1948.

DAVIS, RAYMOND E., Professor of Civil Engineering, Director, Engineering Materials Laboratory, University of California, Berkeley, Calif. 1913.

DAVIS, ROLAND P., Dean, College of Engineering, West Virginia University, Morgantown, W. Va. 1932.

DAVIS, STEPHEN S., Associate Professor of Mechanical Engineering, Howard University, Washington, D. C. 1941.

DAVIS, W. KENNETH, Associate Professor of Engineering, University of California, Los Angeles, Calif. (On leave: Chief Development Engineer, California Research and Development Co., San Francisco 4, Calif.) 1949.

DAVIS, WATSON M., Professor of Mathematics and Engineering, Cornell College, Mount Vernon, Iowa. 1939.

DAVIS, WILLIAM C., Assistant Professor of Electrical Engineering, Ohio State University, Columbus, Ohio. 1948.

DAVISON, ALBERT W., Director of Research, Owens-Corning Fiberglas Corp., Newark, Ohio. 1936.

DAWES, CHESTER L., Associate Professor of Electrical Engineering, Harvard University, Cambridge, Mass. (*Member of Council, 1946–47.*) 1915.

DAWES, LYMAN M., Assistant Professor Emeritus of Industrial Applications, Honorary Lecturer, Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926.

DAWSON, CHARLES H., Associate Professor and Acting Chairman of Electrical Engineering, University of Rochester, Rochester, N. Y. (On leave: Iowa State College, Ames, Iowa.) 1939.

DAWSON, EUGENE F., Professor and Director, School of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1942.

DAWSON, FRANCIS M., Dean, College of Engineering, State University of Iowa, Iowa City, Iowa. (*Vice President, 1947–50; President, 1950–51; Member of Council, 1941–44.*) 1910.

DAWSON, JOHN D., Director, Personnel Placement, Antioch College, Yellow Springs, Ohio. 1949.

DAWSON, JOHN H., Associate Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1950.

DAWSON, RAYMOND F., Professor of Civil Engineering and Associate Director, Bureau of Engineering Research, University of Texas, Austin, Texas. 1935.

DAY, MARION S., Manager, Placement and Personnel, Case Institute of Technology, Cleveland, Ohio. 1949.

DEAN, JOHN E., Professor of Electrical Engineering, Texas College of Arts & Industries, Kingsville, Texas. 1943.

DEANE, CHARLES W., General Engineering Manager, Lever Bros. Co., New York, N. Y. 1947.

DE BAUFRE, WM. L., Chairman Emeritus, Department of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. (*Member of Council, 1949–51.*) 1920.

DE CAMP, HAROLD E., Superintendent, Manufacturing Engineering, Western Electric Co., Chicago, Ill. 1949.

DECAROLIS, JULIUS J., Assistant Professor, Engineering Experiment Station, The Pennsylvania State College, State College, Pa. 1948.

DECHANT, WILLIAM G., Development Engineer, E. I. du Pont de Nemours & Co., Woodstown, N. J. 1950.

DECKER, FLOYD A., Professor and Chairman, Department of Electrical Engineering, Texas Western College, El Paso, Texas. 1940.

DECKER, J. J., Office Manager, Advertising & Sales Prom., American Radiator & Standard Sanitary Corp., Pittsburgh, Pa. 1951.

DEERE, DON U. 1947.

DE GARMO, E. PAUL, Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1939.

DE HART, ROBERT C., Associate Professor of Civil Engineering, 6729 Chappel Ave., Chicago 1, Ill. 1947.

DEICHERT, ROBERT W., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1950.

DEISTER, WILLIAM A., Instructor, Technical Department, Central Radio and Television Schools, Kansas City, Mo. 1950.

DELANEY, WARD, Exec. Director, Oscar Johnson Cotton Foundation, Charlottesville, Va. 1944.

DE LEE, JOHN L., Assistant Professor of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

DE LEON, RAFAEL, Dean, Facultad de Ciencias, Universidad Central de Venezuela, Caracas, Venezuela, South America. 1950.

DELICH, MICHAEL, Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

DELL, GEORGE H., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1932.

DELLER, ANTHONY W., Lecturer in Chemical Engineering, Princeton University, Princeton, N. J. 1940.

DELLER, RUSSEL A., Employment Director, Personnel, Bell Telephone Laboratories, 463 West Street, New York, N. Y. (*Member of Council, 1944–47.*) 1931.

DEL MASTRO, ANTHONY J., Assistant Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1948.

DE LORENZI, OTTO, Director of Education, Combustion Engineering-Superheater, Inc., New York 16, N. Y. 1949.

DE LOSADA Y PUGA, CRISTOBAL, Dean Facultad de Ingenieria, Universidad Catolica del Peru, Lima, Peru, S. A. 1945.

DELTORO, VINCENT, Instructor in Electrical Engineering, College of the City of New York, New York, N. Y. 1950.

DE LUCA, EDWARD D., Associate Professor of Administrative Engineering, Pratt Institute, Brooklyn, N. Y. 1949.

DEL VECCHIO, ALFRED J., Assistant Professor of Mechanical Engineering, Manhattan College, New York, N. Y. 1948.

DEMAREE, KENNETH B., Editor, Science and Technical Books, Harper and Brothers, 49 East 33rd Street, New York City. 1947.

DEMBSKI, MARION V. J., Graduate Student in Education, De Paul University, Chicago, Ill. 1947.

DEMIRJIAN, GEORGE. 1949.

DE MORAIS REGO, M. A., Director, Escola de Engenharia de Peruambuco, Recife, Brazil, S. A. 1948.

DE MOYER, ROBERT, Associate Professor of Mechanics, Lafayette College, Easton, Pa. 1938.

DE NEUFVILLE, ALBERT, Instructor in Mechanics and Civil Engineering, Lehigh University, Bethlehem, Pa. 1951.

DEN HARTOG, JACOB P., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1950.

DENIS, BROTHER A., Professor and Head, Dept. of Engineering Drawing, Manhattan College, New York City. 1939.

DENNIS, THOMAS M., Instructor in Mechanics, Michigan College of M. & T., Houghton, Mich. 1950.

DENNY, C. E., Instructor in Mathematics, Central College, Fayette, Mo. 1950.

DENT, HAROLD M., Administrative Chairman, Cooperative Programs, General Motors Institute, Flint, Mich. 1946.

DENT, JOHN A., Assistant Professor and Lecturer of Mechanical Engineering, University of Florida, Gainesville, Fla. 1911.

DENT, JOSEPH B., Associate Professor of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

DEPTULA, ALFRED R., Project Officer, Maintenance Division, Air Material Command, Wright-Patterson Air Force Base, Dayton, Ohio. 1949.

DERBY, ELLES M., Manager, Management Education, Metropolitan Life Insurance Co., New York 10, N. Y. (Home: 37 Reynen Court, Ridgewood, N. J.) 1949.

DERLETH, CHAS., JR., Professor Emeritus of Civil Engineering, University of California, Berkeley, Calif. *Life member.* 1904.

DERMER, RICHARD D., Chairman, Electrical Engineering Dept., Indiana Technical College, Fort Wayne, Ind. 1950.

DERWIN, JAMES V., 1611 Dukeland Street, Baltimore 16, Md. 1945.

DESCHERE, ALLEN R., Lecturer in Industrial Engineering, University of Alabama Extension, Huntsville, Ala. 1946.

DeSousa, Jose Carlos C., Graduate Student, University of Michigan, Ann Arbor, Mich. 1951.

De Spain, Wallis J., Instructor in Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1948.

Dessauer, Walter E., Assistant Professor of Drawing, Tulane University, New Orleans, La. 1948.

De Vaney, Amogene F., Associate Professor of Engineering, Amarillo College, Amarillo, Texas. 1948.

Devine, James J., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1930.

Devine, J. James, Associate Professor of Engineering Drawing, Northeastern University, Boston, Mass. 1935.

Devor, Elmer L., General Electric Company, Chemistry Dept, 1 Plastics Avenue, Pittsfield, Mass. 1938.

Dewey, Harry M., Director and Associate Professor of Agricultural Engineering, Idaho State College, Pocatello, Idaho. 1950.

De Witt, Clyde C., Professor of Chemical Engineering and Director, Engineering Experiment Station, Michigan State College, East Lansing, Mich. 1947.

Deyo, Donald E., John Wiley & Sons, Inc., 440 Fourth Ave., New York 16, N. Y. 1948.

De Young, Russell, Vice President, Goodyear Tire and Rubber Co., Akron, Ohio. 1948.

Diakoff, Alexis J., Consulting Engineer, American Locomotive Co., Schenectady 5, N. Y. 1938.

Diboll, Wallace B., Instructor in Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

Dick, Edwin G., Assistant Professor of Mathematics and Physics, Ottawa University, Ottawa, Kans. 1946.

Dicker, Paul E., Research Associate, Engineering Research Institute, University of Michigan, Ann Arbor, Mich. 1948.

Dickey, Donald W., Assistant Prof. of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1944.

Dickinson, David F., Head, Chemical Engineering, Indiana Technical College, Ft. Wayne, Ind. 1951.

Dickinson, John L., Chief Engineer, Engineering School, Cal-Aero Technical Institute, Glendale, Calif. 1944.

Diefendorf, Adelbert, Professor and Head, Dept. of Civil Engineering, University of Utah, Salt Lake City, Utah. 1922.

Dietrich, H. F., Instructor in Shop Practice, Kansas State College, Manhattan, Kans. 1949.

Dietz, Albert G. H., Associate Professor of Building Engineering and Construction, Massachusetts Institute of Technology, Cambridge, Mass. 1940.

Dietz, Jess C., Associate Professor of Sanitary Engineering, University of Illinois, Urbana, Ill. 1948.

Dillard, Joseph K., Westinghouse Electric Corp., East Pittsburgh, Pa.

Dillaway, Robert B., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

Dillenbeck, Harold L., Research Engineer, Aircraft Marine Products, 323 South Cameron St., Harrisburg, Pa. 1950.

Dillingham, Harley C., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1929.

Dillman, Grover C., President, Michigan College of Mining and Technology, Houghton, Mich. 1936.

Dillon, Francis J., Employed by J. M. Thompson, registered surveyor, Veronica Drive, Pittsburgh, Pa. 1947.

Dillon, John C., Lecturer and Principal, Engineering Extension, University of California, Los Angeles, Calif. 1950.

Dimasi, Louis A., Director, Penn Technical Institute, Pittsburgh, Pa. 1951.

Dimatteo, John E., Instructor in Engineering Drawing, Jersey City Junior College, Jersey City, N. J. 1942.

Dini, Arthur E., Instructor in Civil Engineering, Bradley University, Peoria, Ill. 1951.

D'Isa, Frank A., Assistant Professor of Mechanical Engineering, Youngstown College, Youngstown, Ohio. 1949.

Disque, Frederick C., Associate Professor and Head, Dept. of Chemistry, Pratt Institute, Brooklyn, N. Y. 1940.

Disque, Robert C., Dean, College of Engineering, Drexel Institute of Technology, Philadelphia, Pa. (*Member of Council, 1928–31.*) 1927.

Distler, Theodore A., President, Franklin and Marshall College, Lancaster, Pa. 1928.

Dittfach, John H., Assistant Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1950.

Dix, L. E., Professor of Mathematics, Norwich University, Northfield, Vt. 1917.

Dixon, Don P., Professor and Acting Head of Mechanical Drawing, Louisiana State University, University, La. 1935.

Dixon, Harry S., Professor and Chairman, Dept. of Electrical Engineering, 2712 Shasta Road, Berkeley 8, Calif. 1938.

Doan, Gilbert E., Professor and Head, Dept. of Metallurgical Engineering, Lehigh University, Bethlehem, Pa. 1936.

Dobbins, George S., Associate Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1944.

Dobbs, Fredrick E., Principal, Wentworth Institute, 550 Huntington Ave., Boston 15, Mass. 1951.

Dobrovolny, Jerry S., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1949.

Dodd, Charles M., Professor and Head, Dept. of Ceramic Engineering, Iowa State College, Ames, Iowa. 1937.

Dodd, Robert W., President, Cogswell Polytechnical College, San Francisco, Calif. 1950.

Dodds, Robert H., Associate Editor, *Engineering News-Record*, 330 W. 42nd St., New York, N. Y. 1946.

Dodge, Barnett F., Professor and Chairman, Dept. of Chemical Engineering, Yale University, New Haven, Conn. 1937.

Dodge, Eldon R., Professor and Head, Dept. of Civil Engineering, Montana State College, Bozeman, Mont. 1942.

Dodge, Encel H., Assistant Professor of Chemical Engineering, Texas Technical College, Lubbock, Texas. 1947.

Dodge, Homer L., President Emeritus, Norwich University, Northfield, Vt. (Address: Cabot Fund, 409 S. Walnut Street, Burlington, Vt.) (*Member of Council, 1942–48.*) 1919.

Dodge, James C., Associate Professor of Mechanical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1948.

Dodge, Russell A., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1938.

Dodson, Charles R., Professor and Head, Dept. of Petroleum Engineering, University of Southern California, Los Angeles, Calif. 1947.

Doeringsfeld, Harry A., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1932.

Doerr, Lawrence O., Associate Professor of Mechanical Engineering, North Dakota Agricultural College, Fargo, N. D. 1935.

DOGGETT, LEONARD A., Professor Emeritus of Electrical Engineering, Pennsylvania State College, State College, Pa., and Visiting Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1914.

DOHRENWEND, CLAYTON O., Dept. of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

DOIG, EARL M., Vice President, Great Lakes Steel Corp., Detroit, Mich. 1949.

DOKE, H. B., Assistant Professor of Drawing, University of Wisconsin, Madison, Wis. 1946.

DOLL, ALFRED W., Professor and Head, Dept. of Physics, Pratt Institute, Brooklyn, N. Y. 1926.

DOLVE, ROBERT M., Dean, School of Engineering, North Dakota Agricultural College, Fargo, N. D. 1926.

DOMAN, CARL T., Ford Division, Ford Motor Company, Detroit, Mich. 1946.

DOMINIC, RANDOLPH P., Instructor in Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1951.

DOMONOSKE, ARTHUR B., Executive Head (Retired), Department of Mechanical Engineering, Stanford University, Stanford, Calif. (*Member of Council, 1935–38.*) 1913.

DONAHEY, MICHAEL H., Engineer, Bechtel Corp., San Francisco, Calif. 1945.

DONAHUE, THOMAS L., Professor of English, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1948.

DONALDSON, CYRIL, Instructor in Mechanical Engineering, Rochester Institute of Technology, Rochester, N. Y. 1945.

DONNELL, LLOYD H. 1939.

DONNELL, PHILIP S., Vice President, Oklahoma A. & M. College, Stillwater, Okla. 1927.

DONNELEY, HAROLD G., Associate Professor of Chemical Engineering, Wayne University, Detroit, Mich. 1943.

DONOVAN, EDWARD T., Professor and Head, Dept. of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1929.

DONOVAN, ROBERT E., Assistant Professor of Mathematics, University of Dayton, Dayton, Ohio. 1948.

DOODY, THOMAS C., Associate Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1939.

DOOLEY, CHANNING R., Director, Training Within Industry Foundation, Summit, N. J. (*Member of Council, 1929–32.*) *Life member.* 1907.

DOOLITTLE, JESSE S., Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1929.

DOREMUS, HAL C., Director, Division of Engineering, Tarleton State College, Stephenville, Texas. 1946.

DORMAN, STUART C., Manager, College Dept., McGraw-Hill Book Co., 330 W. 42nd Street, New York 18, N. Y. 1947.

DORNBERGER, WERNER W., Associate Professor of Architectural Engineering, University of Texas, Austin, Texas. 1938.

DORNEY, ELLSWORTH E. 1948.

DORR, JOHN V. N., Chairman of the Board, The Dorr Company Engineers, New York, N. Y. 1949.

DORSEY, LEROY H., 509 South Wabash Avenue, Chicago 5, Ill. 1949.

DOTTERWEICH, FRANK H., Director, Division of Engineering, Texas College of A. & I., Kingsville, Texas. 1946.

DOTY, L. DONALD, Hydraulic Engineer, U. S. Engr. Dist. Office, 180 Montgomery, San Francisco, Calif. 1930.

DOTY, ROBERT L., Instructor in Electrical Engineering, Iowa State College, Ames, Iowa. 1950.

DOUGHERTY, C. R. G., Associate Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1948.

DOUGHERTY, N. W., Dean of Engineering, University of Tennessee, Knoxville, Tenn. (*First Vice President, 1944–46; Member of Council, 1941–44.*) 1937.

DOUGHTIE, VENTON L., Professor and Chairman of Mechanical Engineering, University of Texas, Austin, Texas. 1930.

DOUGLAS, EARL C., Director, Vocational Education, Joliet Junior College, Joliet, Ill. 1930.

DOUGLAS, JOHN F. H., Professor and Head, Dept. of Electrical Engineering, Marquette University, Milwaukee, Wis. 1910.

DOUGLASS, CLARENCE E., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1943.

DOUGLASS, DAVID R., Instructor in General Engineering, University of Washington, Seattle, Wash. 1950.

DOUGLASS, RAYMOND D., Professor of Mathematics, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

DOUTT, RALPH E., Assistant Professor of Mathematics, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

DOW, BENJAMIN L., Acting Head, Dept. of Aeronautical Engineering, Indiana Technical College, Fort Wayne, Ind. 1948.

DOW, WILLIAM G., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929.

DOWD, MERLE E., Assistant Professor of Cooperative Education, Northwestern University, Evanston, Ill. 1949.

DOWDELL, RALPH L., Professor and Head, Dept. of Metallurgy, University of Minnesota, Minneapolis, Minn. 1945.

DOWELL, DAWSON, Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1936.

DOWLING, EDWARD J., Assistant Professor of Engineering Drawing, University of Detroit, Detroit, Mich. 1942.

DOWLING, JOSEPH J., Acting Evening School Supervisor, Engineering Department, Pratt Institute, Brooklyn 5, N. Y. 1948.

DOWMAN, W. S., Personnel Manager, S. C. Johnson & Son, Inc., Racine, Wis. 1941.

DOWNEY, GLENN L., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1947.

DOWNING, CHARLES G. E., Professor and Head, Dept. of Agricultural Engineering, Ontario Agricultural College, Guelph, Ont., Canada. 1947.

DOWNING, DONALD G., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1934.

DOWNING, LEWIS K., Dean and Professor of Civil Engineering, Howard University, Washington, D. C. 1929.

DOWNING, RODERICK L., Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926.

DOWNS, JAMES B. T., Professor of Mechanical Engineering, University of West Virginia, Morgantown, W. Va. 1939.

DOWS, HAROLD W., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1934.

DOYLE, FRANK B., Research Director, Guardite Corp., Chicago, Ill. 1925.

DOYLE, JAMES P., Engineer, Gibbs & Cox, Inc., New York, N. Y. 1947.

DOYLE, LARRY L., Instructor in Civil Engineering, University of Florida, Gainesville, Fla. 1951.

DOYLE, ROBERT E., Instructor in Drawing, University of Wisconsin, Madison, Wis. 1950.

DRAFFIN, JASPER O., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1917.

DRAPER, CHARLES S., Professor of Aeronautical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1945.

DRAUGHON, RALPH B., President, Alabama Polytechnic Institute, Auburn, Ala. 1949.

DRECHSLER, FRANK S., Instructor in Mechanical Engineering, University of Delaware, Newark, Del. 1950.

DREESE, E. E., Professor and Chairman of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1929.

DREHER, GEORGE K., Executive Director, Foundry Educational Foundation, Cleveland 13, Ohio. 1947.

DREIFKE, GERALD E., Assistant Professor of Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

DREVDAHL, ELMER R., JR., Assistant Professor of Mining Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1951.

DREW, THOMAS B., Professor and Head, Dept. of Chemical Engineering, Columbia University, New York City. 1940.

DRIFTMIER, RUDOLPH H., Professor and Head, Agricultural Engineering Dept., University of Georgia, Athens, Ga. 1949.

DRINKER, PHILIP, Professor of Industrial Hygiene, Harvard School of Public Health, Boston, Mass. 1950.

DRINKWATER, WILLIAM D., Aero. Engr., Research, U. S. N. O. T. S., Inyokern, China Lake, Calif. 1947.

DRISCOLL, GEORGE F., Associate Professor of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1947.

DRISCOLL, WILLIAM G., Professor and Head, Dept. of Physics and Mathematics, Villanova College, Villanova, Pa. 1939.

DROPKIN, DAVID, Associate Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1946.

DROUGHT, ARTHUR B., Director of Electrical Engineering, Marquette University, Milwaukee, Wis. 1949.

D'ROZARIO, ALBERT M., Education Attache, Embassy of India, Washington, D. C. 1948.

DRY, RICHARD R., Director, New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1948.

DUBA, JOHN G., Instructor in Civil Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1949.

DU BOSE, LAWRENCE A., Assistant Professor of Civil Engineering, Texas A. & M. College, College Station, Texas. 1950.

DUBOSKY, STEPHEN W., Professor of Physics, Detroit Institute of Technology, Detroit, Mich. 1947.

DUCHACEK, HOWARD, Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

DUCHESNE, RODERICK C., Assistant Professor of Agricultural Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

DUCK, FRANCIS I., Librarian, Stevens Institute of Technology, Hoboken, N. J. 1950.

DUCKER, WILLIAM L., Professor of Petroleum Engineering, Texas Technological College, Lubbock, Texas. 1948.

DUCODY, MICHAEL M., Instructor in Mechanical Engineering, University of Detroit, Detroit, Mich. 1951.

DUDLEY, BEVERLY, Editor, *The Technology Review*, Massachusetts Institute of Technology, Cambridge, Mass. 1942.

DUDLEY, SAMUEL W., Dean, Emeritus, School of Engineering, Yale University, New Haven, Conn. (*Member of Council, 1936–39.*) 1921.

DUDZIK, CHESTER J., Instructor in Machine Design, Purdue University, Lafayette, Ind. 1950.

DUESTERHOEFT, WILLIAM C., Instructor in Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1948.

DUFF, CARL M., Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1912.

DUGGAN, LEO F., Registrar, Michigan College of M. & T., Houghton, Mich. 1945.

DUKE, ALBERT L., Instructor in Electrical Engineering, Tenn. Tech., Rt. No. 1, Cookeville, Tenn. 1950.

DUKE, C. MARTIN, Associate Professor of Engineering, University of California, Los Angeles, Calif. 1939.

DUMBLE, WILSON R., Assistant Professor of English, The Ohio State University, Columbus, Ohio. (*Member of Council, 1946–47.*) 1932.

DUMKE, WALTER H., Associate Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1947.

DUNCAN, ALLEY H., Associate Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1948.

DUNCAN, DAVID C., Professor of Physics, The Pennsylvania State College, State College, Pa. 1939.

DUNCAN, DONALD S., Assistant Professor of Physics, Pratt Institute, Brooklyn, N. Y. 1938.

DUNCAN, JAMES M., Assistant Professor of Chemical Engineering, University of Florida, Gainesville, Fla. 1949.

DUNCAN, SYDNEY F., Director of Research, Farr Co., P. O. Box 10187, Airport Station, Los Angeles 45, Calif. 1937.

DUNCOMBE, CHARLES G., Professor of Chemical Engineering, University of Detroit, Detroit, Mich. 1936.

DUNHAM, CLARENCE W., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1934.

DUNHAM, ROBERT S., Assistant General Industrial Relations Manager, Ford Motor Co., Dearborn, Mich. 1949.

DUNHOLTER, RUSSELL J., Associate Professor of Mechanics, University of Cincinnati, Cincinnati, Ohio. 1943.

DUNKERLEY, PAUL A., Instructor in Civil Engineering, Tufts College, Medford, Mass. 1949.

DUNLAP, F. HOWARD, College Representative, Division of General Publishing, International Textbook Co., Scranton, Pa. 1946.

DUNLAP, L. T., Associate Professor of Mathematics, The Pennsylvania State College, State College, Pa. 1945.

DUNLEVEY, DAVID B., Recruiting and Training, Ind. Rel. Div., Buckeye Cotton Oil Co., Memphis, Tenn. 1949.

DUNLOP, JOHN A., Registrar, Rensselaer Polytechnic Institute, Troy, N. Y. 1937.

DUNN, CLARK A., Vice Director, Engineering Experiment Station, Oklahoma A. & M. College, Stillwater, Okla. 1942.

DUNN, COLON H., Assistant Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1942.

DUNN, JOHN W., Professor and Head, Mechanical Engineering Dept., University of Wichita, Wichita, Kans. 1949.

DUNN, ORVILLE E., Instructor in Electrical Engineering, University of Dayton, Dayton, Ohio. 1950.

DUNNING, JOHN R., Dean of Engineering School, Columbia University, New York, N. Y. 1949.

DUNSTAN, GILBERT H., Professor of Sanitary Engineering, University of Alabama, University, Ala. 1928.

DU PLANTIER, DONALD A., Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1949.

DUPRIEST, JOHN R., Professor Emeritus of Mechanical Engineering, University of Minnesota, Minnneapolis, Minn. 144 Melbourne Ave., S.E., Minneapolis 14, Minn. 1919.

DURAN, SERVET A., Assistant Professor of Physical Metallurgy, State College of Washington, Pullman, Wash. 1949.

DURAND, JACK A., Instructor in Aeronautical Engineering, Parks College of Aero. Tech., East St. Louis, Ill. 1951.

DURAND, W. F., Professor Emeritus, Stanford University, Calif. (242 LaFayette Ave., Brooklyn, N. Y.) *Life member.* 1899.

DURHAM, DWIGHT W., Assistant Supervisor of College Relations Group, Personnel Division, E. I. du Pont de Nemours Co., Wilmington, Dela. 1951.

DURHAM, FRANKLIN P., Assistant Professor of Aeronautical Engineering, University of Colorado, Boulder, Colo. 1951.

DURKEE, FRANK M., Associate Professor of English, Newark College of Engineering, Newark, N. J. 1946.

DURLAND, M. A., Dean and Director, School of Engineering and Architecture, Kansas State College, Manhattan, Kans. 1926.

DURST, RICHARD E., Associate Professor of Chemical Engineering, University of Maine, Orone, Me. 1951.

DURYEA, DAVID W., Instructor in Mechanical Engineering, Trenton Junior College, Trenton, N. J. 1948.

DUSINBERRE, GEORGE M., Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1939.

DUTTON, BENSON L., Director of Engineering, Tennessee A. & I. College, Nashville, Tenn. 1951.

DUTTON, DONNELL W., Director, Daniel Guggenheim School of Aeronautics, Georgia Institute of Technology, Atlanta, Ga. 1943.

DUTTON, RICHARD A., Graduate Assistant in Mechanical Engineering, Northwestern Technological Institute, Evanston, Ill. 1951.

DUVALL, W. CLINTON, Professor and Head, Dept. of Electrical Engineering, University of Colorado, Boulder, Colo. 1919.

DWIGHT, CHARLES H., Assistant Professor of Physics, University of Cincinnati, Cincinnati, Ohio. 1948.

DWIGHT, RALPH W., Assistant Professor of Engineering Drawing, University of Detroit, Detroit, Mich. 1949.

DWINNEL, JAMES H., Associate Professor of Aeronautical Engineering, University of Washington, Seattle, Wash. 1950.

DWYER, JOSEPH S., Professor and Head, Industrial Engineering and Engineering Drawing Depts., Texas Technological College, Lubbock, Texas. 1947.

DWYER, ORRINGTON E., Chairman, Dept. of Chemical Engineering, University of Rochester, Rochester, N. Y. 1946.

DYCHE, H. E., Professor and Head, Dept. of Electrical Engineering, Director, Graduate Work in Industry, University of Pittsburgh, Pittsburgh, Pa. 1914.

DYER, WILBUR E., Instructor in Physics, De Paul University, Chicago, Ill. 1943.

EAGER, MARCY, Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

EARL, E. PHILIP, Assistant Professor of Physics, Fenn College, Cleveland, Ohio. 1948.

EARLE, CHESTER R., Managing Editor, *Power Engineering*, 110 S. Dearborn, Chicago 3, Ill. 1922.

EARLE, SAMUEL B., Dean Emeritus of Engineering, Clemson College, Clemson, S. C. (*President, 1937–38; Vice President, 1935–36; Member of Council, 1927–30, 1937–46.*) 1912.

EARLY, JAMES M., Instructor in Electrical Engineering, 114 Franklin St., Morristown, N. J. 1948.

EARNEST, G. BROOKS, Dean of Engineering, Fenn College, Cleveland, Ohio. 1940.

EASTHAM, JAMES N., Associate Professor of Mathematics, Cooper Union, New York City. 1946.

EASTMAN, AUSTIN V., Professor and Head, Dept. of Electrical Engineering, University of Washington, Seattle, Wash. 1939.

EASTMAN, FRED S., Professor of Aeronautical Engineering, University of Washington, Seattle, Wash. 1949.

EASTON, ARCHIE H., Research Associate, Lecturer in Civil and Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

EASTON, ELMER C., Dean of Engineering, Rutgers University, New Brunswick, N. J. 1946.

EASTON, WILLIAM H., Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1944.

EATHERTON, LAUREL J., Instructor in Physics, South Dakota School of M. & T., Rapid City, S. D. 1949.

EATON, HAROLD D., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

EATON, JAMES R., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1947.

EATON, PAUL B., Professor and Head, Department of Mechanical Engineering, Lafayette College, Easton, Pa. 1931.

EATON, PAUL C., Associate Professor of English, California Institute of Technology, Pasadena, Calif. 1950.

EBAUGH, NEWTON C., Consulting Engineer, Ebaugh & Goethe Consulting Engineers, 700 S.E. 3rd St., Gainesville, Fla. 1931.

EBERHART, HOWARD D., Professor of Civil Engineering, University of California, Berkeley, Calif. 1940.

EBERT, CHARLES H., JR., Placement Director, University of Pittsburgh, Pittsburgh 13, Pa. 1948.

EBERT, EDWARD D., Assistant Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1948.

ECKEL, CLARENCE L., Dean, College of Engineering, Professor of Civil Engineering, University of Colorado, Boulder, Colo. (*Member of Council, 1934–37.*) 1912.

ECKELS, ARTHUR R., Associate Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1948.

ECKERMAN, EDWARD H., Assistant Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1943.

ECKHARDT, CARL J., JR., Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1929.

ECKLE, JOHN N., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1928.

ECKMAN, DONALD P., Assistant Professor of Mechanics and Materials, Case Institute of Technology, Cleveland, Ohio. 1949.

EDELL, GERARD M., Associate Professor of Chemical Engineering, Syracuse University, Syracuse, N. Y. 1936.

EDGAR, ROBERT F., Professor and Head, Dept. of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1920.

EDISON, OSKAR E., Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1922.

EDMISON, HAROLD R., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1950.

EDMISTER, WAYNE C., Professor of Chemical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1951.

EDMONSON, GLENN V., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

EDSON, CHARLES G., Associate Professor of Mechanics, University of Florida, Gainesville, Fla. 1949.

EDSON, WILLIAM A., Professor and Head, Dept. of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

EDSTROM, ALFRED E., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1944.

EDWARDS, DAVID N., Instructor in Industrial Engineering, Columbia University, New York, N. Y. 1950.

EDWARDS, FRANK W., General Manager, Centennial of Engineering, 1952, Chicago 37, Ill. 1942.

EDWARDS, FRANKLIN S., Acting Head, Dept. of Aeronautical Engineering, Mississippi State College, State College, Miss. 1945.

EDWARDS, JAMES L., Assistant Professor of Mechanical Engineering, Clemson Agricultural College, Clemson, S. C. 1951.

EDWARDS, JOHN C., Chief Plant Industrial Engineer, American Viscose Corp., Roanoke, Va. 1939.

EGGERS, HENRY C. T., Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922.

EGRY, C. ROBERT, Professor of Industrial Engineering, University of Notre Dame, Notre Dame, Ind. 1941.

EHRHART, RUSSELL R., Industrial Coordinator, Fenn College, Cleveland, Ohio. 1950.

EICHELBERGER, MAURICE B., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1948.

EICHLER, JOHN O., Associate Professor and Acting Head, Dept. of Civil Engineering, Cooper Union, New York, N. Y. 1939.

EIKENBERRY, ROBERT S., Associate Professor of Aeronautical Engineering, University of Notre Dame, Notre Dame, Ind. 1949.

EIKNER, DONALD E., University Relations, Educational Dept., Westinghouse Electric Corp., East Pittsburgh, Pa. 1951.

EISENBERG, RICHARD F., Assistant Professor of Metallurgy, University of Rochester, Rochester, N. Y. 1948.

EKSE, MARTIN, Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1947.

ELBIN, GUY H., Construction Engineer, Franklin County, Ohio, Columbus, Ohio. 1924.

ELCONIN, VICTOR, Dean, College of Engineering, West Coast University, Los Angeles, Calif. 1949.

ELDIN, HAMED K., Egyptian Government Mission Member, Faud I University, Cairo, Egypt. 1950.

ELDREDGE, HUGH G., Assistant Professor of Engineering Drawing, Vanderbilt University, Nashville, Tenn. 1949.

ELDRIDGE, JOHN W., Assistant Professor of Chemical Engineering, University of Virginia, University, Va. 1951.

ELGIN, JOSEPH C., Associate Dean, Engineering School, and Professor and Chairman, Dept. of Chemical Engineering, Princeton University, Princeton, N. J. (*Member of Council, 1942–46.*) 1931.

ELIASSEN, ROLF, Professor of Sanitary Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1948.

ELIZONDO, YNDALECIO J., Instructor in T. & A. M., Iowa State College, Ames, Iowa. 1950.

ELL, CARL S., President, Northeastern University, Boston, Mass. (*Member of Council, 1940–43.*) 1917.

ELLINGSON, MARK, President, Rochester Institute of Technology, Rochester, N. Y. 1944.

ELLIOTT, BEN G., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1931–34.*) 1912.

ELLIS, GREER, Ellis Associates, Pelham, N. Y. 1949.

ELLIS, ISHMAEL L., Assistant Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1948.

ELLIS, JAMES L., Professor of Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1945.

ELLIS, PIERCE G., Assistant to the President, Wisconsin Public Service Corp., Milwaukee, Wis. 1949.

ELLITHORN, HAROLD E., Associate Professor of Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1941.

ELMERGREEN, GEORGE L., Assistant Professor of Electrical Engineering, University of Wisconsin, Milwaukee, Wis. 1951.

ELROD, JOHN T., Professor of Industrial Engineering, University of Houston, Houston, Texas. 1949.

ELROD, STEPHEN B., Associate Professor of Engineering Drawing, Purdue University, Lafayette, Ind. 1940.

ELSEVIER, ERNEST, Instructor in Mechanical Engineering, Duke University, Durham, N. C. 1951.

ELSEY, EDWARD E., Associate Professor of Engineering Research, University of Kentucky, Lexington, Ky. 1951.

ELY, JOHN A., Adjunct Professor of Civil Engineering (Retired), Cooper Union, New York City. *Life member.* 1914.

EMBLER, WELLER B., Professor of English, Head, Dept. of Humanities, Cooper Union, New York City. 1945.

EMERSON, CHERRY L., Vice President, Georgia Institute of Technology, Atlanta, Ga. 1943.

EMERSON, EDWARD D., Assistant Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. (On leave: Columbia University, New York, N. Y.) 1949.

EMERSON, HOWARD P., Professor and Head of Industrial Engineering, University of Tennessee, Knoxville, Tenn. 1948.

EMERSON, LYNN A., Professor of Industrial Education, Cornell University, Ithaca, N. Y. 1929.

EMERSON, WALTER D., Professor and Head, Dept. of Mechanical Engineering, Norwich University, Northfield, Vt. 1920.

EMERY, DURWARD L., Physicist, Sinclair Rubber, Inc., Houston, Texas. 1947.

EMIG, RALPH C., Associate Professor of Mathematics, Lawrence Institute of Technology, Highland Park, Mich. 1948.

EMMONS, WALTER J., Assistant Dean and Secretary, College of Engineering, Associate Professor of Highway Engineering, University of Michigan, Ann Arbor, Mich. 1923.

ENBURG, JACK T., R. R. #1, Danville, Ia. 1943.

ENDSLEY, L. E., Lecturer in Mechanical Engineering, University of Pittsburgh, 516 East End Avenue, Pittsburgh, Pa. 1907.

ENELL, JOHN W., Assistant Professor of Industrial Engineering, New York University, New York, N. Y. 1949.

ENEY, WILLIAM J., Head, Dept. of Civil Engineering, Fritz Engineering Laboratory, Lehigh University, Bethlehem, Pa. 1938.

ENG, SIDNEY E., Dean of Men, Milwaukee School of Engineering, Milwaukee, Wis. 1946.

ENGEL, ERNEST D., Associate Professor & Dean of Engineering, University of Washington, Seattle, Wash. 1935.

ENGELMAN, HELMUTH W., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

ENGELMANN, RICHARD H., Instructor in Electrical Engineering, University of Cincinnati, Cincinnati, Ohio. (On leave: U. S. Navy service.) 1949.

ENGELUND, ANKER, Director, Tekniske Hoiskole of Denmark, Copenhagen, Denmark. 1947.

ENGER, MELVIN L., Dean Emeritus, College of Engineering, University of Illinois, Urbana, Ill. (Home: Escondido, Calif.) (*Member of Council, 1921–24; Vice President, 1938–39.*) 1907.

ENGESSER, WILLIAM F., Professor of Industrial Engineering, Oregon State College, Corvallis, Ore. 1949.

ENGLER, KYLE, Professor and Head, Agricultural Engineering Dept., University of Arkansas, Fayetteville, Ark. 1949.

ENGLER, LESLIE W., Associate Professor of Civil Engineering and Dean of Administration, College of the City of New York, New York, N. Y. 1948.

ENGLISH, JOHN M., Lecturer in General Engineering, University of Southern California, Los Angeles, Calif. 1948.

ENGSTROM, HARRY T., Assistant Personnel Director, Mountain States Tel. & Tel. Co., Denver, Colo. 1947.

ENOS, GEORGE M., Professor of Metallurgical Engineering, Purdue University, Lafayette, Ind. 1951.

ENSIGN, NEWTON E., Professor Emeritus of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (Retired.) (Home: 727 Oregon Ave., Palo Alto, Calif.) 1915.

ENTWISLE, FRANK N., Director, Testing and Guidance Division, Newark College of Engineering, Newark, N. J. 1927.

EPPELSHEIMER, DANIEL S., Professor of Metallurgical Engineering, Missouri School of Mines, Rolla, Mo. 1940.

EPPERSON, ERNEST R., Assistant Professor of Chemical Engineering, Michigan College of M. & T., Houghton, Mich. 1948.

EPPES, JAMES VAN D., Associate Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1951.

EPPLE, ARNET B., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

ERBACH, WALTER C., Instructor in Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1947.

ERDELYI, EDWARD, Professor of Electrical Engineering, University of Detroit, Detroit 21, Mich. 1947.

ERDOSS, BELA K., Professor and Chairman, Dept. of Fluid Dynamics, Stevens Institute of Technology, Hoboken, N. J. 1945.

ERICKSON, FREDERICK K., Associate Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1949.

ERICKSON, WILLIAM H., Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1945.

ERICSON, ELVIN G., Instructor in Civil Engineering, State College of Washington, Pullman, Wash. 1948.

ERIKSEN, EDWARD L., Professor and Chairman, Dept. of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1943–46.*) 1937.

ERKILETIAN, DICKRAN H., JR., Assistant Professor of Mathematics, School of Mines, Rolla, Mo. 1951.

ERMENC, JOSEPH J., Professor of Mechanical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1941.

ERNEMAN, HANS G., Professor of Mechanical Engineering, Lawrence Institute of Technology, Highland Park, Mich. 1947.

ERNEST, EDWIN H., Assistant Professor of English, Purdue University Extension, Indianapolis, Ind. 1949.

ERNST, GEORGE C., Professor and Chairman, Civil Engineering Dept., University of Nebraska, Lincoln, Nebr. 1930.

ERNST, ROBERT C., Dean, Speed Scientific School, University of Louisville, Louisville, Ky. (*Member of Council, 1939–42.*) 1932.

ESHBACH, OVID W., Dean, Northwestern Technological Institute, Evanston, Ill. (*Member of Council, 1936–39.*) 1926.

ESHBAUGH, CLIFFORD W., Assistant Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1946.

ESHLEMAN, SILAS K., Associate Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1949.

ESKEW, ROBERT E., Acting Director, Short Courses and Conferences, Georgia Institute of Technology, Atlanta, Ga. 1948.

ESPY, WILLIAM N., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1943.

ESSIGMANN, MARTIN W., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1941.

ESTELLE, WEEMS E., Assistant Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1947.

ESTRIN, HERMAN A., Assistant Professor of English, Newark College of Engineering, Newark, N. J. 1948.

ETTORRE, JAMES E., Instructor in Mechanical Engineering, Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

EUBANKS, JOHN M., Assistant Professor of Electrical Engineering, University of Miami, Coral Gables, Fla. 1950.

EUBANKS, WILLIAM H., Instructor in Drawing, Mississippi State College, State College, Miss. 1950.

EVANS, F. H., District Supt., N. Y. State Employment Service, Poughkeepsie, N. Y. 1907.

EVANS, FRANK E., Instructor in Electrical Engineering, N. Y. State Institute of Applied Arts and Sciences, White Plains, N. Y. 1950.

EVANS, FRED J., Assistant Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1944.

EVANS, H. S., Dean, College of Engineering, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. (*President, 1931–32; Vice President, 1920–21; Member of Council, 1931–46.*) 1905.

EVANS, KARL H., Assistant Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1948.

EVANS, THOMAS H., Dean of Engineering, Colorado A. & M. College, Fort Collins, Colo. 1936.

EVANS, WESTON S., Professor and Head, Dept. of Civil Engineering, University of Maine, Orono, Me. 1922.

EVERETT, FRANKLIN L., Associate Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1939.

EVERETT, HOWARD C., Instructor in Civil Engineering, University of Houston, Houston, Texas. 1949.

EVERITT, WILLIAM L., Dean of Engineering, University of Illinois, Urbana, Ill. 1927.

EVINGER, M. I., Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. (*Life member.*) 1926.

EWALT, WALTER P., Associate Professor of Physics, Georgia Institute of Technology, Atlanta, Ga. 1948.

EWELL, WALTER W., Assistant Professor of Civil Engineering, Johns Hopkins University, Baltimore, Md. 1947.

EWING, D. D., Head, School of Electrical Engineering, Purdue University, Lafayette, Ind. 1910.

EYE, JOHN D., Instructor in Civil Engineering, University of Southern California, Los Angeles, Calif. 1949.

EYMAN, RAYMOND P., Associate Professor of Civil Engineering, George Washington University, Washington, D. C. 1948.

EYNON, THOMAS G. R., Instructor in Engineering, Detroit Institute of Technology, Detroit, Mich. 1948.

EYRE, THOMAS T., Professor of Mechanical Engineering, Retired, University of Southern California, Los Angeles, Calif. *Life member.* 1909.

EYROLLES, MARC, Directeur, Ecole Speciale des Travaux Publics du Batiment et de l'Industrie, 61 Boulevard St. Germain, Paris, France. 1947.

FABEL, DONALD C., Professor and Head, Dept. of Mechanical Engineering, Fenn College, Cleveland, Ohio. 1930.

FABIAN, EDWARD S., Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1950.

FADUM, RALPH E., Professor and Head, Civil Engineering Dept., North Carolina State College, Raleigh, N. C. 1944.

FAGAL, FREDERICK F., Head of Electrical Engineering Department, Bridgeport Engineering Institute, Bridgeport, Conn. 1950.

FAGAN, WILLIAM W. 1948.

FAHNESTOCK, MAURICE K., Research Professor of Mechanical Engineering, and Engineering Director, Physical Environment Unit, University of Illinois, Urbana, Ill. 1943.

FAIMAN, ROBERT N., Professor and Head, Dept. of Electrical Engineering, North Dakota State College, Fargo, N. D. 1950 .

FAIR, GORDON M., Dean Emeritus, Harvard Graduate School of Engineering, Professor of Sanitary Engineering, Harvard University, Cambridge, Mass. 1926.

FAIRBANKS, ANDREW J., Professor and Associate Head, Dept. of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

FAIRBANKS, GUSTAVE E., Associate Professor of Agricultural Engineering, Kansas State College, Manhattan, Kansas. 1950.

FAIRBANKS, HAROLD V., Associate Professor of Chemical Engineering, West Virginia University, Morgantown, W. Va. 1940.

FAIRBANKS, OSCAR W., Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1937.

FAIRBROOK, JOHN G., Instructor in General Engineering, Yakima Junior College, Yakima, Wash. 1949.

FAIRBURN, A. JOHN B., Supervisor, Division of Technical Services, National Tube Co., 2799 E. Erie Ave., Lorain, Ohio. 1927.

FAIRCHILD, EDWARD L., Assistant Professor of Industrial Engineering, Wayne University, Detroit, Mich. 1942.

FAIRCLOTH, JAMES M., Professor of Civil Engineering, University of Alabama, University, Ala. 1940.

FAIRES, VIRGIL M., Head, Dept. of Management Engineering, Rodney Court, Apt. 401, Wilmington, Del. (*Member of Council, 1939–42.*) 1925.

FAIRFIELD, JOHN G. Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922.

FAIRMAN, SEIBERT, Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. (*Member of Council, 1941–44.*) 1921.

FALLS, EUGENE K., Associate, Reactor Engineering Division, Argonne National Laboratory, Chicago, Ill. 1941.

FANEUF, JOSEPH O., Instructor in Mechanical Engineering, University of Maine, Orono, Maine. 1948.

FANNING, CLYDE L., Assistant Chairman, Machine and Wood Shops, General Motors Institute, Flint, Mich. 1950.

FARBER, ERICH A., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

FARNHAM, GEORGE W., Editorial Director, Engineering and Technical Books, The Ronald Press Co., New York, N. Y. 1922.

FARNHAM, WALTER E., Professor of Engineering Drawing, Tufts College, Medford, Mass. (*Member of Council, 1930–33.*) 1919.

FARQUHARSON, F. BURT, Director, Engineering Experiment Station, Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1947.

FARQUHARSON, KENNETH J., Assistant Professor of Engineering University of Missouri, Columbia, Mo. 1950.

FARRALL, ARTHUR W., Professor and Head, Dept. of Agricultural Engineering, Michigan State College, East Lansing, Mich. 1945.

FARRAR, CLYDE L., Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1947.

FARRAR, GERALD L., Assistant Professor of Chemical Engineering, Texas A. & M. College, College Station, Texas. 1950.

FARRELL, MARTIN B., Instructor in Mathematics, Long Beach City College, Long Beach, Calif. 1947.

FARRELL, THOMAS, JR., Associate Professor of English, State University of Iowa, Iowa City, Iowa. 1946.

FARRIS, HANSFORD W., Research Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1951.

FARRIS, MARSHALL E., Dean of Engineering, University of New Mexico, Albuquerque, N. M. (*Member of Council, 1948–50.*) 1925.

FARRISEE, WILLIAM J., Dean of the College, Clarkson College of Technology, Potsdam, N. Y. 1947.

FARWELL, RAYMOND S., Instructor in Industrial Engineering, Pennsylvania State College, State College, Pa. 1948.

FASAKE, WILLIAM E., Engineer, Aeronautics and Ordnance Systems, General Electric Company, Schenectady, N. Y. 1948.

FATOUT, PAUL, Professor of English, Purdue University, Lafayette, Ind. 1948.

FAUCETT, MAX A., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1935.

FAUCETT, THOMAS R., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1949.

FAWCETT, CHARLES D., Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1946–47.*) 1935.

FAX, DAVID H., Assistant Professor of Mechanical Engineering, Johns Hopkins University, Baltimore, Md. 1947.

FAY, DOUGLAS P., Assistant Prof. of Civil Engineering, Norwich University, Northfield, Vt. 1947.

FAYRAM, RICHARD A., Lecturer in Mech. Engg., Univ. of Calif., Berkeley, Calif. 1949.

FEAD, JOHN W. N., Assistant Professor of Civil Engineering, 1122 Grant St., Evanston, Ill. 1950.

FEAR, ARTHUR J., Assistant Professor of Speech, Long Beach State College, Long Beach, Calif. 1947.

FEENER, DONALD H., Engineer, Stone & Webster Corp., Boston, Mass. 1948.

FEENEY, EDMUND J., Director, Newark School of Industrial Drafting and Design, Newark, N. J. 1950.

FEIEREISEN, WILLIAM J., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

FEIGEN, MORRIS, Associate Engineer, Engineering Dept., University of California, Los Angeles, Calif. 1951.

FEIKER, FREDERICK M., Dean Emeritus, School of Engineering, George Washington University, Washington, D. C. (*Member of Council, 1937–40.*) 1936.

FEJER, ANDREW A., Professor and Head, Aeronautical Engineering, University of Toledo, Toledo, Ohio. 1951.

FELBARTH, WAYNE, Instructor in Drawing, University of Detroit, Detroit, Mich. 1949.

FELDMAN, DAVID, Instructor in Electrical Engineering, The Cooper Union, New York, N. Y. 1950.

FELDMAN, EDWARD S., Instructor, University of California, Los Angeles, Calif. 1951.

FELGAR, ROBERT P., Assistant Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1947.

FELLINGER, ROBERT C., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1950.

FELLOWS, JULIAN R., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1937.

FELLOWS, ROBERT D., Associate Professor of Mechanical Engineering, The Pennsylvania State College, State College, Pa. 1945.

FENDER, LEE C., 6920 W. 30th St., Berwyn, Ill. 1950.

FENN, FRED H., Professor of Engineering Mechanics, Louisiana State University, Baton Rouge, La. 1947.

FENTON, FRED C., Professor of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1944.

FENWICK, HAROLD H., Professor and Head, Dept. of Engineering Drawing, University of Louisville, Louisville, Ky. 1927.

FEODOROFF, NICHOLAS V., Associate Professor of Civil Engineering, Manhattan College, New York City. 1943.

FERGUSON, EUGENE S., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1946.

FERGUSON, JAMES E., Central Power and Light Co., Uvalde, Texas. 1950.

FERGUSON, OLIN J., Dean, College of Engineering and Architecture, Emeritus, University of Nebraska, Lincoln, Nebr. (Home: 2772 Rathbone Road, Lincoln, Nebr.) (*President, 1939–40; Vice President, 1923–24; Member of Council, 1939–46.*) *Life member.* 1908.

FERGUSON, PHIL M., Professor and Chairman, Dept. of Civil Engineering, University of Texas, Austin, Texas. 1930.

FERGUSON, SAMUEL A., Associate Professor and Head, Div. of Electrical Engineering, University of South Carolina, Columbia, S. C. 1949.

FERNOW, BERNHARD E., Head, Dept. of Mechanical Engineering, Clemson College, Clemson, S. C. 1929.

FERRARA, GUIDO, Instructor in Electrical Engineering, University of Detroit, Detroit, Mich. 1947.

FERREL, WOODROW L., Technician and Laboratory Assistant, Applied Science Dept., Ohio University, Athens, Ohio. 1948.

FERRETTI, ALFRED J., Professor and Head, Dept. of Mechanical Engineering, Northeastern University, Boston, Mass. 1925.

FERRY, ARTHUR L., Branch Manager, The A. Lietz Co., 1965 North Berendo St., Los Angeles 15, Calif. 1940.

FERZOCO, PATRICK H., Instructor in Mechanical Drawing, Wentworth Institute, Boston, Mass. 1948.

FETTERLEY, GUY H., Engineer, Research Dept., Norton Co., Chippawa, Ont., Canada. 1946.

FETTY, HOMER D., Director of Cooperative Education Dept., Los Angeles State College of Applied Arts & Sciences, Los Angeles, Calif. 1950.

FICH, SYLVAN, Associate Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1947.

FIELD, LESTER M., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1951.

FIELDS, RAYMOND I., Assistant Professor of Mathematics, University of Louisville, Louisville, Ky. 1949.

FIESENHEISER, ELMER I., Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

FIFE, SAMUEL T., Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1927.

FILES, CARL W., Assistant Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1943.

FILIPETTI, GEORGE, Professor of Economics and Business Administration, University of Minnesota, Minneapolis, Minn. 1931.

FILLMORE, ROBERT L., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

FILSON, HARRY R., Director of Engineering Training, Northrop Aeronautical Institute, Hawthorne, Calif. 1946.

FINCH, EUGENE B., Instructor in Chemical Engineering, North Carolina State College, Raleigh, N. C. 1948.

FINCH, FRANK R., Professor of Mechanism and Drawing, University of Michigan, Ann Arbor, Mich. 1913.

FINCH, JAMES K., Dean Emeritus, School of Engineering, Columbia University, New York City. 1925.

FINCH, ROGERS B., Assistant Professor of Textile Technology, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

FINCH, STANLEY P., Professor of Civil Engineering, University of Texas, Austin, Texas. 1935.

FINCH, VOLNEY C., Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1950.

FINDLEY, WILLIAM N., Research Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1943.

FINK, COLLIN E., Professor of Chemical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

FINLAY, WILLIAM W., Professor of Industrial Engineering, Southern Methodist University, Dallas, Texas. 1947.

FINLAYSON, FRANK S., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1943.

FINZI, LEO A., Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

FISCHER, DON A., Assistant Dean, School of Engineering, Washington University, St. Louis, Mo. 1941.

FISCHER, EMIL C., Professor of Architecture, The Ohio State University, Columbus, Ohio. 1946.

FISCHER, FREDERIC P., Professor and Head, Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1949.

FISHER, BENJAMIN A., Associate Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1948.

FISHER, DAVID A., Associate Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1938.

FISHER, EDWARD G., Professor and Head, Dept. of Languages, Colorado School of Mines, Golden, Colo. 1940.

FISHER, HILBERT A., Professor and Head of Mathematics Dept., North Carolina State College, Raleigh, N. C. (*Member of Council, 1939–42.*) 1930.

FISHER, JAMES, Professor Emeritus of Physics, Michigan College of Mines and Technology, Houghton, Mich. *Life member.* 1899.

FISHER, JOHN C., Instructor in Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1949.

FISHER, LEONARD A., Instructor in Mechanical Engineering, University of New Hampshire, Durham, N. H. 1951.

FISHER, ROBERT A., Associate Professor of Chemical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1934.

FISHMAN, SOLOMON, Associate Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1928.

FISK, NELSON S., Assistant Professor of Civil Engineering, Columbia University, New York, N. Y. 1950.

FITCH, AUSTIN E., Professor of Architectural Construction, Washington University, St. Louis, Mo. 1941.

FITCH, W. CHESTER, Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1939.

FITHIAN, JAMES H., Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1934.

FITTERER, G. R., Dean of the Schools of Mining and Engineering, and Director, Engineering Research Division, University of Pittsburgh, Pittsburgh, Pa. 1941.

FITTZ, RAYMOND U., Associate Professor of Mechanical Engineering, Tufts College, Melrose, Mass. 1948.

FITZGERALD, JOHN A., Assistant Professor of Electrical Engineering, Manhattan College, New York City. 1941.

FITZGIBBONS, JAMES J., Instructor in Electrical Dept., State University of New York, Buffalo, N. Y. 1951.

FITZHUGH, PARKER M., Technical Instructor, Vocational Dept., University of Houston, Houston, Tex. 1949.

FITZPATRICK, DONALD B., Instructor in Electrical Engineering. 1951.

FIXEN, VICTOR L., Lecturer in Civil Engineering, University of Minnesota, Minneapolis, Minn. 1947.

FLAKE, GOLDEN, Instructor in Physics, Purdue University Extension, Indianapolis, Ind. 1948.

FLANAGAN, LINDLEY E., JR., Research Engineer, Aerophysics Dept., North American Aviation, Downey, Calif. 1948.

FLANAKIN, H. A. MIKE, Acting Director, Engineering Experiment Station, Louisiana State University, Baton Rouge, La. 1948.

FLANDERS, DELTON DE SPAIN, Associate Professor of Economics, Colorado School of Mines, Golden, Colo. 1948.

FLANDERS, ROGER L., Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1940.

FLANIGAN, ALAN E., Associate Professor of Metallurgy, University of California at Los Angeles, Calif. 1941.

FLANIGAN, FRANK M., Assistant Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1948.

FLARITY, EARL C., Coordinator, Technical Training Div., Ind. Education Dept., Chrysler Corp., Detroit, Mich. 1951.

FLATH, EARL H., Dean, School of Engineering, Southern Methodist University, Dallas, Texas. 1925.

FLECKENSTEIN, EDWARD L., Professor and Head, Electrical Dept., Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

FLEMING, ARTHUR P. M., Director, Research and Education Dept., Metropolitan-Vickers Electrical Co., Manchester, England. 1922.

FLEMING, JULIAN R., Associate Professor of Hydraulic and Sanitary Engineering, University of Tennessee, Knoxville, Tenn. 1949.

FLEMING, ROBERT W., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

FLEMING, WALTER J., Assistant Professor of Civil Engineering, University of Buffalo, Buffalo, N. Y. 1949.

FLETCHER, FRANK A., Professor of Chemical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1947.

FLETCHER, HILBERT E., Assistant Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1948.

FLETCHER, LEONARD J., Vice President and Director of Training and Community Relations, Caterpillar Tractor Co., Peoria, Ill. (*Member of Council, 1942–46.*) 1941.

FLETCHER, ROBERT H., Assistant Professor of Mechanical Engineering, Texas A. & M. College, College Station, Texas. 1950.

FLICK, CARL, JR., Research Fellow, Microwave Research Institute, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1951.

FLIKKE, ARNOLD M., Assistant Professor of Agricultural Engineering, University of Minnesota, Minneapolis, Minn. 1950.

FLINNER, ARTHUR O., Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1931.

FLINSCH, HAROLD, Dean of the School of Engineering, Mississippi State College, State College, Miss. 1940.

FLINT, PAUL H., Associate Professor of English, Tufts College, Medford, Mass. 1946.

FLINT, RAYMOND E., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1948.

FLITNER, DAVID P., Active Duty, U. S. Navy, Schenectady, N. Y. 1947.

FLODIN, JOHN. 1947.

FLORY, FRANK C., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1948.

FLYNN, EDMUND C., Professor of Civil Engineering, University of Santa Clara, Santa Clara, Calif. 1935.

FLYNN, WALTER W. 1949.

FOCHT, JOHN A., Professor of Civil Engineering, University of Texas, Austin, Texas. 1935.

FOECKE, HAROLD A., Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1951.

FOGARTY, J. WILLIAM P., Professor of General Engineering, St. Francis Xavier University, Antigonish, N. S. 1944.

FOGEL, CHARLES M., Assistant Dean of Engineering, University of Buffalo, Buffalo, N. Y. 1946.

FOLCH, PEDRO A., Assistant Professor of Mechanical Engineering, University of Puerto Rico, Mayaguez, P. R. 1947.

FOLEY, JOHN P., JR., Educational Specialist, U. S. Air Force Technical School, Belleville, Ill. 1950.

FOLK, JOHN T., Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1939.

FOLK, SAMUEL B., Professor of Mechanics, The Ohio State University, Columbus, Ohio. 1921.

FOLSOM, RICHARD G., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1943.

FOLTZ, LEROY S., Professor of Electrical Engineering, Lawrence Institute of Technology, Highland Park, Mich. *Life member.* 1918.

FONTANA, MARS G., Professor and Head, Dept. of Metallurgy, The Ohio State University, Columbus, Ohio. 1947.

FOOTE, EARLE G., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

FOOTE, JAMES H., President, Commonwealth Associates, Inc., Jackson, Mich. 1933.

FORBES, ALLEN H., Associate Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1945.

FORD, ALBERT D., Professor and Head, Dept. of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1942.

FOREMAN, HERBERT E., Managing Editor, The Associated General Contractors of America, Washington, D. C. 1949.

FORNOFF, FRANK J., Associate Professor of Chemistry, Lehigh University, Bethlehem, Pa. 1951.

FORSMAN, MARION E., Instructor in Electrical Engineering, Iowa State College, Ames, Iowa. 1949.

FORSTALL, WALTON, JR., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1941.

FORSYTH, ARTHUR C., Associate Professor of Metallurgical Engineering, University of Illinois, Urbana, Ill. 1945.

Fort, Benjamin B., Instructor, Technical Institute, Purdue University, Indianapolis, Ind. 1949.

Foss, Martin M., President, Retired, McGraw-Hill Book Co., Inc., New York 18, N. Y. (Home: 400 East 52nd St., New York 22, N. Y.) *Life member.*, 1909.

Foss, Ray J., Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1942.

Fossum, Guilford O., Assistant Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1947.

Foster, Charles A. B., Associate Professor of Engineering and Manager, Richmond Branch, Virginia Polytechnic Institute, Richmond, Va. 1943.

Foster, Charles I., Associate Professor of Social Studies, North Carolina State College, Raleigh, N. C. 1951.

Foster, Clyde L., President, Central Radio and Television Schools, Kansas City, Mo. 1948.

Foster, Edward S., Electrical Engineer, Standard Transformer Co., R. F. D. 4, Warren, Ohio. 1911.

Foster, Edward S., Jr., Assoc. Prof. of Physics, Univ. of Toledo, Toledo 7, Ohio. 1949.

Foster, L. Fernald, Jr., Instructor in Speech, Purdue University Extension, Indianapolis, Ind. 1951.

Foster, William H., College Representative, The Ronald Press Co., New York, N. Y. 1945.

Fotis, Charles W., Chief, Prof. and Career Dev., Air Research and Development Command, Baltimore, Md. 1949.

Fountain, Alvin M., Professor of English, North Carolina State College, Raleigh, N. C. 1937.

Fouraker, Leroy L., Associate Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1924.

Fouraker, Raymond S., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1929.

Fowler, Kenneth W., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1948.

Fowler, Russell W., Associate Professor of Mechanical Engineering, Extension Division, University of Wisconsin, Madison Wis. 1934.

Fox, Beauvis B., Jr., Instructor in Engineering Economy, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1943.

Fox, Bryce J., Assistant Professor of Mechanical Engineering, University of North Dakota, Grand Fork, N. D. 1947.

Fox, Frederick H., Professor and Head, Dept. of Civil Engineering, Tulane University of Louisiana, New Orleans, La. 1922.

Fox, Robert M., Professor of Civil Engineering, Retired, University of Southern California, Los Angeles, Calif. 1932.

Fox, Samuel, Assistant Professor of Accountancy, Illinois Institute of Technology, Chicago 16, Ill. 1948.

Foxwell, William H., Professor of Engineering Mechanics. 1946.

Foy, Glenn A., Instructor in General Engineering, University of Southern California, Los Angeles, Calif. 1947.

France, Edward L., Assistant Professor and Head, Automotive Department, Utah State Agricultural College, Logan, Utah. 1950.

Francis, Lyman L., Assistant Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

Francis, Samuel A., Head, Department of Mathematics and Engineering, San Mateo Junior College, San Mateo, Calif. 1935.

Francis, William H., Associate Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1949.

Frank, A. J., Assistant Professor of Geology and Geological Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

Frank, Abbott, Instructor in Civil Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. (Home: 2004A—Mather Way, Elkins Park, Pa.) 1949.

Frankel, Jacob P., Assistant Professor of Engineering, University of California at Los Angeles, Los Angeles, Calif. 1950.

Franzel, Earl J., Navy Air Missile Test Center, Point Mugu, Calif. 1950.

Franzini, Joseph B., Assistant Professor of Civil Engineering, Stanford University, Stanford, Calif. 1949.

Fraser, Burt, Instructor in General Engineering, University of Houston, Houston, Texas. 1949.

Frash, Edwin S., Assistant Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1947.

Frayne, John G., Manager in Engineering. 1950.

Frazer, John R., Assistant Professor of Industrial Engineering, Iowa State College, Ames, Iowa. 1951.

Frazier, Richard H., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927.

Freberg, C. R., Head, Equip. Research Dept., Naval Civil Engrg. Lab., Port Hueneme, Calif. 1943.

Frederick, Michael, Associate Professor of Industrial Chemical Engineering, Newark College of Engineering, Newark, N. J. 1943.

Fredrickson, Robert E., Instructor in Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1949.

Freedman, M., Lecturer in Civil Engineering, George Washington University, Washington, D. C. 1947.

Freel, Wilfred I., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1928.

Freeman, Leonard M., Works Technical Manager, B. F. Goodrich Co., Akron, Ohio. 1947.

Freeman, Newell L., Secretary, Board of Examiners, Professional Engineers & Land Surveyors, New York State University, Albany, N. Y. 1950.

Freeman, Ralph L., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. (*In Service: Alexandria, Va.*) 1948.

Freeman, Robert G., Educational Researcher and Senior Teacher of Industrial Engineering, General Motors Institute, Swartz Creek, Mich. 1948.

Freer, William V., School of Engineering, University of Buffalo, Buffalo, N. Y.. 1948.

French, Albert E., Director, New York State Agricultural and Technical Institute, Canton, N. Y. 1948.

French, Orval C., Professor and Head, Dept. of Agricultural Engineering, Cornell University, Ithaca, N. Y. 1940.

Freund, C. J., Dean, College of Engineering, University of Detroit, Detroit, Mich. (*Member of Council, 1941–44, 1946–52; Vice President, 1946–48; President, 1948–49.*) 1932.

Frevert, Richard K., Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. 1951.

Frey, Austin R., Professor and Chairman, Dept. of Physics, U. S. Naval Postgraduate School, Monterey, Calif. 1951.

Frey, George J., Head, Mechanical Drawing and Design Dept., Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

Fried, Bernard, Associate Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1949.

FRIEDERICK, ALLAN G., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1949.

FRIEDLANDER, WALTER H., Industrial Engineer, J. H. Day Co., Inc., 1144 Harrison Ave., Cincinnati 22, Ohio. 1948.

FRIEDRICH, LAWRENCE M., Dist. Chief, Public Health Engr., N. J. State Dept. of Health, Trenton, N. J. 1938.

FRIER, JAMES L., Instructor in Mechanical Engineering, Louisiana State University, Baton Rouge, La. 1948.

FRIGON, AUGUSTIN, President, Ecole Polytechnique, Montreal, Canada. (*Member of Council, 1930–33.*) 1929.

FRISCH, JOSEPH, Lecturer in Engineering Design, University of California, Berkeley, Calif. 1949.

FROCHT, MAX M., Research Professor of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1928.

FROEHLICH, CECILIE, Associate Professor of Electrical Engineering, City College of New York, New York, N. Y. 1948.

FROOMKIN, NORMAN G. 1948.

FROST, D. C., Associate Professor of Civil Engineering, Villanova College, Villanova, Pa. 1947.

FROULA, HENRY C., JR., Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

FRUSH, CHARLES O., Assistant Professor in Chemical Engineering, Iowa State College, Ames, Iowa. 1948.

FRY, FREDERIC S., Assistant Professor of Mechanical Engineering, University of Denver, Denver, Colo. 1951.

FRY, HAROLD, Associate Professor of Mechanical Engineering and Drawing, University of Wyoming, Laramie, Wyo. 1946.

FRY, HOWARD M., Professor and Head, Dept. of Physics, Franklin and Marshall College, Lancaster, Pa. 1925.

FRY, LOUIS E., Professor of Architecture, Howard University, Washington, D. C. 1950.

FRY, THORTON C., Assistant to President, Bell Telephone Laboratories, Inc., 463 West Street, New York City. 1929.

FRYLING, GLENN R., Assistant Editor, *Combustion Engineering*, New York, N. Y. 1950.

FULLER, A. H., Professor of Civil Engineering, The Iowa State College, Ames, Iowa. (*Member of Council, 1914–17.*) 1901.

FULLER, C. E., Professor Emeritus, Massachusetts Institute of Technology, Cambridge, Mass. 1907.

FULLER, FERNLEY L., Research Engineer, Grumman Aircraft Engineering Corp., Bethpage, N. Y. 1949.

FULLER, GEORGE M., Aerodynamicist, Douglas Aircraft, Los Angeles 45, Calif. (Home: 15606 Chadron, Gardena, Calif.) 1950.

FULLER, H. EDWARD, Instructor in Electrical Engineering, Franklin Technical Institute, Boston, Mass. 1951.

FULLER, HAROLD Q., Professor of Physics, Missouri School of Mines, Rolla, Mo. 1949.

FULLER, WILLIAM D., Director of Research, Engineering Laboratories, Inc., 624 East 4th Street, Tulsa, Okla. 1948.

FULLERTON, HERBERT P., Design Engineer, Advanced Engineering Development, Switchgear Dept., General Electric Co., Philadelphia, Pa. 1942.

FULLMER, DANIEL M., Instructor in Engineering Drawing, Michigan State College, East Lansing, Mich. 1947.

FULMER, HERMAN K., Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1946.

FULTON, ARTHUR E., Assistant Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1948.

FULTON, CHARLES D., JR., Assistant Professor of Mechanical Engineering, Duke University, Durham, N. C. 1951.

FUNK, FRANCIS F., Assistant Professor of Civil Engineering, North Carolina State College, Raleigh, N. C. 1948.

FURIA, JOHN J., Chief, Professional and Scientific Examination Bureau, Municipal Civil Service Commission, New York City. 1919.

FURLEY, EDMUND, Instructor in Architectural Engineering, University of Houston, Houston, Texas. 1949.

FURLONG, JAMES W., Industrial Coordinator, University of Detroit, Detroit, Mich. 1949.

FUTRAL, SAMUEL M., JR., Instructor in Engineering Drawing, Northwestern University, Evanston, Ill. 1951.

GADBOW, VINCENT L., Instructor in English and Social Sciences, South Dakota School of Mines and Technology, Rapid City, S. D. 1951.

GAFFORD, B. NEWMAN, Professor and Chairman, Dept. of Electrical Engineering, University of Texas, Austin, Texas. 1938.

GAFFORD, WILLIAM R., Instructor in Architectural Engineering, University of New Mexico, Albuquerque, N. M. 1948.

GAGE, JAMES A., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

GALBRAITH, RALPH A., Dean, College of Applied Science, Syracuse University, Syracuse, N. Y. 1939.

GALE, GRANT O., Professor of Physics, Grinnell College, Grinnell, Iowa. 1951.

GALEF, ARNOLD E., Design Engineer, Guided Missile Laboratories, Hughes Aircraft, Culver City, Calif. 1948.

GALLAGHER, ROBERT T., Professor and Acting Head, Dept. of Mining Engineering, Lehigh University, Bethlehem, Pa. 1943.

GALLAWAY, ROBERT M., Assistant Professor of Civil Engineering, Texas A. & M. College, College Station, Texas. 1949.

GALLEN, JOHN J., Professor of Civil Engineering, Villanova College, Villanova, Pa. 1940.

GALLIGAN, WILLIAM E., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1950.

GALLO, FRANK J., Assistant Professor of Structural Engineering, Fenn College, Cleveland 15, Ohio. 1947.

GALLOGLY, HARRY P., Associate Professor of Civil Engineering, Catholic University of America, Washington, D. C. 1943.

GALVIN, GEORGE M., Treasurer, Industrial Technical Schools, Boston, Mass. 1948.

GAMBLE, CLYDE R., Assistant Professor of Mechanical Engineering, University of Houston, Houston, Texas. 1949.

GAMBLE, WILLIAM H., Acting Dean and Professor and Head, Dept. of Electrical Engineering, South Dakota State College, Brookings, S. D. 1931.

GAMET, MERRILL B., Associate Professor of Civil Engineering, Northwestern Technological Institute, Evanston, Ill. 1945.

GAMMELL, JOHN, Supervisor of Sales Training, Allis-Chalmers Mfg. Co., West Allis, Wis. 1949.

GAMZUE, BENJAMIN B., Assistant Prof. of English, New York University, New York, N. Y. 1949.

GANT, EDWARD V., Associate Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1943.

GANNETT, ARTHUR C., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

GARBER, HAROLD J., Professor of Chemical Engineering, University of Tennessee, Knoxville, Tenn. 1943.

GARDNER, ROBERT A., Associate Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1930.

GARFINK, MALCOLM O., Instructor in Applied Mechanics. 1948.

GARLAND, CLYNE F., Professor of Engineering Design, University of California, Berkeley, Calif. 1946.

GARMAN, WARREN D., Professor and Head, Dept. of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1935.

GARRELL, BURTON S., Assistant Professor of Mechanical Engineering, Lawrence Institute of Technology, Highland Park, Mich. 1948.

GARRELTS, JEWELL M., Professor and Executive Officer, Dept. of Civil Engineering, Columbia University, New York City. 1935.

GARVER, GERALD H., Technical Instructor, Vocational Dept., University of Houston, Houston, Texas. 1949.

GARWIN, LEO, Senior Chemical Engineer, Research Dept., Kerr-McGee Oil Industries, Inc., Box 4175, Oklahoma City, Okla. 1948.

GASKELL, ALFRED S., Associate Professor of Engineering Drawing, Iowa State College, Ames, Iowa. 1945.

GASTINEAU, BERT J., Assistant Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1950.

GATCHELL, OSCAR J., Colonel, Professor and Head, Dept. of Mechanics, U. S. Military Academy, West Point, N. Y. 1946.

GATCOMBE, ERNEST K., Associate Professor of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1942.

GATES, NEWELL L., Director, Technical Institute, Franklin University, Columbus, Ohio. 1950.

GATES, ROBERT MCF., President, Air Preheater Corp., New York, N. Y. 1949.

GATJE, GEORGE H., Superintendent of Schools, Bay Shore Public Schools, 32 West Lane, Bay Shore, N. Y. 1943.

GATLEY, WALTER R., Instructor in Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1949.

GAUDEFROY, HENRI, Assistant to the Dean and Registrar, Ecole Polytechnique, Montreal, Canada. 1942.

GAUDIN, ANTOINE M., Richards Professor of Mineral Dressing, Massachusetts Institute of Technology, Cambridge, Mass. 1941.

GAULT, JAMES S., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

GAUSS, HENRY F., Professor and Head, Dept. of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1926.

GAUTHIER, VICTOR J., Associate Professor of Mechanical Engineering, New York University, New York, N. Y. 1950.

GAY, NORMAN R., Associate Professor of Heat-Power, Cornell University, Ithaca, N. Y. 1946.

GAYLORD, CHARLES N., Professor and Chairman, Civil Engineering Dept., University of Delaware, Newark, Del. 1937.

GAYLORD, EDWIN H., Professor and Chairman, Dept. of Civil Engineering, Ohio University, Athens, Ohio. 1936.

GEBHARD, JOHN C., Associate Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1950.

GEBHART, BENJAMIN, Instructor in Mechanical Engineering, Cornell University, Ithaca, N. Y. 1951.

GEER, ELIHU, Director and Professor of Civil Engineering, University of Detroit, Detroit, Mich. 1947.

GEHMAN, HARRY M., Professor and Head, Dept. of Mathematics, University of Buffalo, Buffalo 14, N. Y. 1941.

GEHRIG, ARTHUR G., Teacher of Civil Engineering, Pasadena Junior College, Pasadena, Calif. 1929.

GEIGER, JOHN W., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923.

GEISSLER, HUGO H., Assistant Professor of Petroleum Refining. 1948.

GELDMACHER, R. C., Assistant Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1948.

GELINAS, MAURICE E., Assistant Professor of Engineering Drawing, Lowell Textile Institute, Lowell, Mass. 1948.

GELOTTE, ERNEST N., Associate Professor of Architecture, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

GENNARO, JOSEPH J., Lecturer in Civil Engineering, College of the City of New York, New York, N. Y. 1948.

GENTILE, JERRY J., Assistant Professor of Civil Engineering, University of Rhode Island, Kingston, R. I. 1951.

GEORGE, VINCENT C., Instructor in Physics, Los Angeles City College, Los Angeles, Calif. 1931.

GEORGI, CHARLES O., Assistant Professor of Civil Engineering, Villanova College, Villanova, Pa. 1948.

GEORGIAN, JOHN C., Associate Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1950.

GEPPERT, DONOVAN V., Assistant Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1950.

GERARD, GEORGE, Assistant Professor of Aeronautical Engineering, New York University, New York, N. Y.

GERARDI, JASPER, Assistant Dean, College of Engineering, Director, Dept. of Engineering Drawing, University of Detroit, Detroit, Mich. 1929.

GERHARD, G. R., Associate Professor of Mining and Metallurgical Engineering, University of Kentucky, Lexington, Ky. 1948.

GERHARDT, ROYAL M., Dean of Admissions, Professor of Architectural Engineering, The Pennsylvania State College, State College, Pa. 1944.

GERHART, PAUL L., Chief Instructor, RCA Institute, 350 West 4th St., New York 14, N. Y. 1948.

GERLOUGH, DANIEL L., Assistant Engineer, Dept. of Engineering, University of California, Los Angeles, Calif. 1950.

GERMANO, FRANK J., Professor of Engineering Mechanics, Louisiana State University, Baton Rouge, La. 1949.

GERSHUN, THEODORE L., Research Fellow, Mechanical Engineering Dept., State University of Iowa, Iowa City, Ia. 1949.

GERSTER, JACK A., Associate Professor of Chemical Engineering, University of Delaware, Newark, Del. 1947.

GERTZ, FRED H., Dean of Men, Alfred University, Alfred, N. Y. 1939.

GETCHELL, EDWARD L., Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1921.

GEVECKER, VERNON A. C., Associate Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1948.

GHASWALA, SOLI K., Chief Designing Engineer, Concrete Construction and Engineering Co., Fort Bombay, India. 1948.

GIANNINI, MARIO C., Assistant Dean, College of Engineering, and Associate Professor of Mechanical Engineering, New York University, New York, N. Y. 1935.

GIBBONS, LESLIE L., Assistant Professor in Industrial Arts, Colorado A. & M. College, Fort Collins, Colo. 1950.

GIBBS, RUSSELL E., Dean of Engineering, Bradley University, Peoria, Ill. 1931.

GIBSON, GEORGE W., JR., Assistant Director of Graduate School, Chrysler Institute of Engineering, Detroit, Mich. 1950.

GIBSON, JOHN O., Instructor in Engineering, Evening Division, San Antonio College, San Antonio, Texas. 1949.

GIBSON, MADELEINE, Librarian, Michigan College of M. & T., Houghton, Mich. 1945.

GIBSON, NELSON W., Supervisor of Personnel, Sylvania Electric Products, Inc., Flushing, N. Y. 1949.

GIDDINGS, HORACE A., Professor and Chairman, Dept. of Mathematics, New York University, New York, N. Y. 1949.

GIDZINSKI, JOSEPH D., Instructor in Engineering Mechanics, University of Buffalo, Buffalo, N. Y. 1948.

GIESECKE, F. E., *Retired*, New Braunfels, Texas. (*Member of Council, 1921–24.*) *Life member.* 1893.

GIESY, PAUL M., Professor of Chemistry, Newark College of Engineering, Newark, N. J. 1932.

GIFFIN, BERTRAND L., Engineer, Specification Unit, Bonneville Power Adm., Portland, Ore. 1946.

GIFFT, HOWARD M., Professor of Sanitary Engineering, Cornell University, Ithaca, N. Y. 1941.

GIFT, W. EDGAR, Assistant Supt. of Personnel, Tennessee Eastman Corp., Kingsport, Tenn. 1948.

GILBERT, MERTON L., Chairman, Product Service, General Motors Institute, Flint, Mich. 1949.

GILBERT, WILLIAM W., Professor of Product Engineering, University of Michigan, Ann Arbor, Mich. 1949.

GILBRETH, LILLIAN M., President, Gilbreth, Inc., Montclair, N. J. 1938.

GILCHRIST, GIBB, Chancellor, A. & M. College of Texas, College Station, Texas. 1937.

GILCHRIST, RALPH W. 1948.

GILDEA, R. E. L., Associate Professor of Civil Engineering, University of Virginia, University, Va. 1946.

GILES, ARTHUR G., Assistant Professor of Mechanical Engineering, Allied Institute of Technology, Chicago, Ill. 1947.

GILES, RANALD V., Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

GILES, WILLIAM T., Instructor in Mechanical Engineering, Bradley University, Peoria, Ill. 1951.

GILKEY, HERBERT J., Professor and Head, Department of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. (*Vice President, 1943–44; Member of Council, 1936–39.*) 1922.

GILLAN, GERALD K., Associate Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1946.

GILLAN, MARTIN J., Associate Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1947.

GILLETTE, EDWARD C., JR., Colonel, USA, Professor of Physics and Chemistry, U. S. Military Academy, West Point, N. Y. 1947.

GILLY, TERRANCE A., Professor and Head, Mathematics Dept., Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

GILMER, B. VON HALLER, Professor and Head, Dept. of Psychology and Education, Carnegie Institute of Technology, Pittsburgh, Pa. 1948.

GILMOUR, KEITH W., Assistant, Electrical Engineering Dept., 1183 Collinwood, Akron, Ohio. 1949.

GILPIN, CHARLES A., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1941.

GIRVIN, HARVEY F., Professor of Engineering Mechanics, Purdue University, West Lafayette, Ind. 1927.

GISEL, EUGENE A., Chairman, Chemistry Dept., Fordham University, New York, N. Y. 1949.

GISSER, DAVID G., Instructor in Electrical Engineering, Rensselaer Polytechnic Institute, Albany, N. Y. 1950.

GJESDAHL, MAURICE S., Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1938.

GLASGOW, ROY S., Dean, U. S. Naval Post-Graduate School, Monterey, Calif. (*Member of Council, 1950–52.*) 1939.

GLASS, ROBERT H., 290 Manarin Dr., Salem, Ore. 1947.

GLASSCOCK, DWIGHT L., Assistant Professor of Hydraulic Engineering, Louisiana State University, Baton Rouge, La. 1950.

GLEASON, JAMES G., Associate Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1940.

GLEEKMAN, LEWIS W., Assistant Professor of Chemical Engineering, University of Delaware, Newark, Del. 1948.

GLEESON, GEORGE W., Dean, School of Engineering, Oregon State College, Corvallis, Ore. 1939.

GLENN, HOWARD E., Vice Director, Engrg. Exp. Station, Engg. Dept., Clemson Agricultural College, Clemson, S. C. 1939.

GLENN, JOE D., JR., Assistant Professor of Civil Engineering, Clemson College, Clemson, S. C. 1949.

GLENN, KARL B., Associate Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1937.

GLENN, W. DAVID, Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1944.

GLENN, WILLIAM H., Chairman, Division of Natural Science, John Muir College, Pasadena, Calif. 1947.

GLENNAN, T. KEITH, President (on leave), Case Institute of Technology, Cleveland, Ohio. 1947.

GLESS, GEORGE E., JR., Assistant Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1950.

GLICK, ROBERT M., Instructor in Civil Engineering, University of Washington, Seattle, Wash. 1950.

GLOCKLER, GEORGE, Head, Dept. of Chemistry and Chemical Engineering, State University of Iowa, Iowa City, Iowa. 1949.

GLOVER, EDWARD C., Lecturer in Engineering, San Jose State College, San Jose, Calif. 1949.

GLOVER, LEONARD E., Lecturer in Mechanical and Civil Engineering, Woolwich Polytechnic, London, S.E., England. 1947.

GODDARD, EARL G., Assistant Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1941.

GODFREY, EDGAR C., Sand Hill Road, Point Pleasant, W. Va. 1948.

GODFREY, WILLIAM P., Associate Professor of English, University of Detroit, Detroit, Mich. 1929.

GODIN, CAMILLE R., Professor of Mathematics, Ecole Polytechnique, Montreal, Canada. 1944.

GOEHRING, HENRY, G., Placement Director, College of Engineering, University of Wisconsin, Madison, Wis. 1951.

GOETHE, SAM P., Consulting Engineer, 1026 S.W. 6th Ave., Gainesville, Fla. 1948.

GOETZ, ARTHUR W., Director, School of Leather and Tanning Technology, Pratt Institute, Brooklyn, N. Y. 1948.

GOETZENBERGER, RALPH L., Vice President, Minneapolis-Honeywell Regulator Co., 4926 Wisconsin Ave., N.W., Washington 16, D. C. 1946.

GOGLIA, GENNARO L., Instructor in Mechanical Engineering, University of Detroit, Detroit 21, Mich. 1949.

GOGLIA, MARIO J., Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1940.

GOHR, CARL W., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1951.

GOLDMAN, STANFORD, Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1949.

Goldsmith, Arthur, LCDR., Executive Officer, U. S. Naval Communication Facility, Navy No. 214, Fleet P. O., New York, N. Y. 1939.

Goldsmith, Leo J., Instructor in Civil Engineering, University of Denver, Denver, Colo. 1950.

Goldstein, Harold, Chief, Occupational Outlook Branch, Bureau of Labor Statistics, U. S. Dept. of Labor, Washington, D. C. 1949.

Goldstein, Milton, Dean, American Television Institute of Technology, Chicago, Ill. 1945.

Goliber, Paul F., Instructor in Physics, Institute of Applied Arts and Sciences, State University of New York, Buffalo, N. Y. 1950.

Gonzalez, Orlando, Instituto de Investigacion de Materiales, Universidad Catolica de Chile, Casilla 3821, Santiago, Chile, S. A. 1943.

Good, Adelbert C., Associate Professor of Engineering Shops, Wayne University, Detroit, Mich. 1943.

Good, Charles W., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Good, Merrill R., Assoc. Professor of Industrial Engineering, University of Southern California, Los Angeles 7, Calif. 1933.

Good, Raymond A., Assistant Professor of History and Geography, Michigan College of M. & T., Houghton, Mich. 1949.

Goode, Henry P., Associate Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1943.

Goodheart, Clarence F., Professor of Electrical Engineering, Union College, Schenectady, N. Y. 1949.

Goodier, James N., Professor of Theoretical and Applied Mechanics, Stanford University, Stanford University, Calif. *First Recipient, George Westinghouse Award (1946).* 1941.

Goodman, Louis J., Assistant Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1951.

Goodman, Milton, Instructor in Mathematics, West Coast University, Los Angeles, Calif. 1950.

Goodman, William, Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1944.

Goodrich, Lynn B. H., 197 Emery St., Berlin, N. H. 1949.

Goodstein, Robert, Instructor in Applied Mechanics, Iowa State College, Ames, Iowa. 1950.

Goodwin, Ernest B., Assistant Professor of Electrical Engineering, University of Rhode Island, Kingston, R. I. 1951.

Goodwin, John M., Professor of Engineering, Arlington State College, Arlington, Texas. 1947.

Goodwin, William A., Instructor in Civil Engineering, University of Kentucky, Lexington, Ky. 1951.

Goppert, Harold R., Assistant Professor of General Engineering Drawing, University of Illinois, Chicago, Ill. 1947.

Gorder, Leslie O., Director of Training, American Television Labs., Chicago, Ill. 1943.

Gordon, Irving, Instructor in Engineering Drawing, New York University, New York, N. Y. 1948.

Gordon, Peter B., Vice President, Wolff & Munier, Inc., New York, N. Y., and Adjunct Associate Professor of Engineering, New York University, New York, N. Y. 1949.

Gorham, Robert C., Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1925.

Gorman, Wm. M., Instructor in Mechanical Engineering, Villanova College, Villanova, Pa. 1940.

Gosman, Albert L., Instructor in Mechanical Engineering, Colorado School of Mines, Golden, Colo. 1951.

Gotaas, Harold B., Professor and Head of Civil Engineering, University of California, Berkeley, Calif. 1932.

Gotolski, William H., Instructor in Civil Engineering, Ohio University, Athens, Ohio. 1948.

Gottschall, Clarence R., Allegheny Ballistic Lab., Hercules Powder Co., Cumberland, Md. 1949.

Gould, Arthur F., Associate Professor of Industrial Engineering, Lehigh University, Bethlehem, Pa. 1948.

Gould, Gilbert B., Engineer, Electronics Park, General Electric Co., Syracuse, N. Y. 1947.

Gould, Jay R., Associate Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1941.

Gould, M. Irwin, Superintendent, Personnel Relations, Allied Chemical and Dye Corp., Buffalo, N. Y. 1949.

Grabski, John D., Assistant Professor of Mechanical Engineering, Apt. A-2, 1021 Tenth St., Belle View Apts., Alexandria, Va. 1947.

Grace, Charles T., Professor of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1942.

Gracida, Henry J., Jr., St. Vincent Scholasticate, Latrobe, Pa. 1950.

Graeffe, Edwin O., Dean, College of Business Administration, Lawrence Institute of Technology, Highland Park, Mich. 1947.

Graetzer, Gunther R., Professor and Head of Aeronautical Engineering, USAF Institute of Technology, Wright Field, Dayton, Ohio. 1948.

Graf, Samuel H., Professor and Head, Dept. of Mechanical Engineering, Director of Engineering Research, Oregon State College, Corvallis, Ore. 1940.

Graff, Wm. J., Jr., Senior Propulsion Engineer, Consolidated-Vultee Aircraft Corp., Fort Worth, Texas. 1950.

Graham, Frederick M., Head, Civil Engineering, Prairie View A. & M. College, Prairie View, Tex. 1951.

Graham, James D., Instructor in Electrical Engineering, University of Missouri, Columbia, Mo. 1950.

Graham, John W., Jr., Assistant Dean, College of Engineering and Science, Assistant Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1946.

Graham, Walter W., Professor of Applied Mathematics, Vanderbilt University, Nashville, Tenn. 1939.

Grammer, Frank A., Dean of Students, Newark College of Engineering, Newark, N. J. 1943.

Gramstorff, Emil A., Professor and Head, Dept. of Civil Engineering, Northeastern University, Boston, Mass. 1926.

Grandi, Louis L., Associate Professor of Electrical Engineering, University of California, Los Angeles, Calif. 1937.

Graney, Maurice R., Supt., Training Dept., Inland Steel Co., East Chicago, Ind. 1943.

Granger, Armour T., Professor and Head, Dept. of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1939.

Grant, Eugene L., Professor of Economics of Engineering and Head, Dept. of Civil Engineering, Stanford University, Stanford, Calif. (*Member of Council, 1948–50.*) 1925.

Grant, Hiram E., Professor and Head, Dept. of Engineering Drawing, Washington University, St. Louis, Mo. 1937.

Grant, Homer H., Professor of General Engineering, University of Southern California, Los Angeles, Calif. 1949.

GRANT, ROBERT W., Associate Professor of Engineering Drawing, Wayne University, Detroit, Mich. 1946.

GRANTHAM, GUY E., Professor of Physics, Cornell University, Ithaca, N. Y. 1928.

GRASSHOFF, LYNN H., Associate Professor of Electrical Engineering, Texas A. & M. College, College Station, Texas. 1948.

GRASSI, RAYMOND C., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1946.

GRASSO, SALVATORE, Supt. of Public Works, Milford, N. H. 1939.

GRATZER, LOUIS B., Research Associate, Aeronautical Engineering, University of Washington, Seattle, Wash. 1950.

GRAVES, HAROLD E., Professor and Head, Dept. of Chemical Engineering, University of Rhode Island, Kingston, R. I. 1940.

GRAVES, HARRY P., Vice President, McGraw-Hill Book Co., 330 West 42nd St., New York 18, N. Y. 1944.

GRAVES, LEROY D., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1950.

GRAVES, QUINTIN B., Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1939.

GRAY, CHARLES H., Head, Dept. of English, Rensselaer Polytechnic Institute, Troy, N. Y. (On leave: Philippine Islands.) 1947.

GRAY, GEORGE A., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1950.

GRAY, HAROLD E., Associate Professor of Agricultural Engineering, Cornell University, Ithaca, N. Y. 1949.

GRAY, JAMES L., Instructor in General Engineering, Oregon State College, Corvallis, Ore. 1950.

GRAY, JOHN C., Professor (Retired) of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. *Life member.* 1920.

GRAY, TRUMAN S., Associate Professor of Engineering Electronics, Massachusetts Institute of Technology, Cambridge, Mass. 1939.

GRAY, WILLARD F., Professor of Electrical Engineering, University of Alabama, University, Ala. 1938.

GREAUX, AUSTIN E., Instructor in Architecture, Prairie View A. & M. College, Prairie View, Tex. 1951.

GREAVER, LAURENCE, Assistant Professor of Drawing, University of Virginia, Charlottesville, Va. 1950.

GREAVES, JOHN D., Representative, Sales Dept., International Textbook Co., Kansas City, Mo. 1949.

GREAVES, MELVIN J., Associate Professor of Civil Engineering, Utah State Agricultural College, Logan, Utah. 1950.

GREAVES-WALKER, A. F., Research Engineer, Engineering Experiment Station, University of Florida, Gainesville, Fla. (*Member of Council, 1944–46.*) *Life member.* 1925.

GRECCO, WILLIAM L., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

GRECO, CARMELO S., Assistant Director, State Technical Institute, 516 Main St., Hartford, Conn. 1949.

GREELEY, CHARLES E., Associate Professor of Mechanical Engineering, George Washington University, Washington, D. C. 1948.

GREEN, BOYNTON M., Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1925.

GREEN, CECIL H., President, Geophysical Service Inc., Dallas 9, Texas. 1950.

GREEN, FOREST H., Research Engineer, Civil Engineering, 313 S. Virginia Ave., Falls Church, Va. 1948.

GREEN, JAMES W., Colonel and Professor of Electrical Engineering, U. S. Military Academy, West Point, N. Y. 1948.

GREEN, PARKER M., Instructor in Industrial Engineering, General Motors Institute, Flint 2, Mich. 1947.

GREEN, RALPH H., Instructor in Electrical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1948.

GREEN, RAYMOND E., Chairman, Mechanics and Minerals, Fenn College, Cleveland, Ohio. 1949.

GREEN, ROBERT S., Associate Professor and Chairman, Dept. of Welding Engineering, The Ohio State University, Columbus, Ohio. 1947.

GREEN, ROY M., Dean, College of Engineering, University of Nebraska, Lincoln, Nebr. 1940.

GREEN, WILSON P., Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1940.

GREENBAUM, BERNARD A., Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1947.

GREENE, ARTHUR M., JR., Dean Emeritus, School of Engineering, Princeton University, Princeton, N. J. (*President, 1919–20; Member of Council, 1906–09, 1914–46.*) *Life member.* 1903.

GREENE, HOKE S., Dean, Graduate School of Arts & Sciences, University of Cincinnati, Cincinnati, Ohio. 1950.

GREENE, JAMES H., Assistant Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1951.

GREENLY, RUSSELL J., Asst. Director of Personnel Relations, Jones & Laughlin Steel Corporation, Pittsburgh, Pa. 1949.

GREENSHIELDS, BRUCE D., Professor of Civil Engineering, George Washington University, Washington, D. C. 1948.

GREENSTEIN, PHILIP, Professor of Electrical Engineering, New York University, New York City. 1938.

GREENWALD, DAKOTA U., Associate Professor of Administrative Engineering, Syracuse University, Syracuse 10, N. Y. 1938.

GREER, ROBERT W., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1951.

GREFFE, C. DALE, Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1940.

GREGORY, CARL E., Professor of Social Studies, New York University, New York, N. Y. 1949.

GREGORY, CHARLES A., Electronics Engineer, Electronics Div., Bureau of Aeronautics, U. S. Navy Department, Washington, D. C. 1942.

GREIBER, CLARENCE L., State Director of Vocational and Adult Education, State Board of Voc. and Adult Education, Madison, Wis. 1951.

GREINER, OTTO A., Associate Professor of Modern Languages, Purdue University, Lafayette, Ind. 1922.

GREINER, OTTO A., Assistant to Manager of Industrial Relations, Calco Chemical Div., American Cyanamid Co., Bernardsville, N. J. 1949.

GRIBBIN, JOHN B., Assistant Professor of Civil Engineering, Manhattan College, New York, N. Y. 1948.

GRIFFIN, DONALD F., Associate Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1947.

GRIFFIN, E. GLENN, Instructor in English, Purdue University, Lafayette, Ind. 1951.

GRIFFIN, FRED S., Professor and Head, Emeritus, Dept. of Mechanical Engineering, University of Akron, Akron, Ohio. 1922.

GRIFFIN, NORVILLE D., Assistant Professor of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1950.

Griffis, Le Van, Professor and Chairman, Dept. of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1944.

Griffis, William K., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1947.

Griffith, Dalzell M., Professor and Chairman, Dept. of Civil Engineering, Bucknell University, Lewisburg, Pa. (*Member of Council, 1951–53.*) 1924.

Griffith, Fuller O., Jr., Assistant Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1947.

Grigorieff, W. W., Director, Institute of Science and Technology, University of Arkansas, Fayetteville, Ark. 1949.

Grinter, Linton E., Research Professor of Civil Engineering and Mechanics, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1935–38, 1948–50; Vice President, 1950–52.*) 1928.

Grissom, John, Trainee, E. W. S. Halliburton Oil Well Cementing Co., Texas. 1945.

Griswold, Albert H., Instructor in Engineering Mechanics, New York University, New York, N. Y. 1948.

Griswold, Edward M., Assistant Professor of Machine Design and Engineering Drawing, The Cooper Union, New York City. 1944.

Grogan, Paul J., Chairman, Department of Engineering, University Extension Division, University of Wisconsin, Madison, Wis. 1951.

Grogan, William R., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1950.

Groggins, Philip H., Chief, Agric. Chem. Section, Chemical Division, N. P. A., Washington, D. C. 1948.

Gronquist, Carl H., Associate Engineer, D. B. Steinman Consulting Engineers, New York, N. Y. 1949.

Groom, Vaughn R., Instructor in Mechanical Engineering, University of Detroit, Detroit, Mich. 1948.

Groseclose, Frank F., Professor and Head, School of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1937.

Gross, Eric T. B., Professor of Electrical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1942.

Gross, Harry M., Treasurer and Business Manager, Case Institute of Technology, Cleveland, Ohio. 1949.

Gross, Howard W., Dean, Retired, Spring Garden Institute, Broad and Spring Garden Streets, Philadelphia, Pa. 1944.

Grove, Arthur W., Assistant Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1948.

Grove, Charles G., Chief Engineer, Maintenance of Way, Western Region, Pennsylvania Railroad Co., Chicago, Ill. 1949.

Grove, James F., Assistant Professor of Electrical Engineering, University of Rhode Island, Kingston, R. I. 1948.

Grover, Kingman N., Instructor in Humanities, The Cooper Union, New York, N. Y. 1950.

Grummann, Herbert R., Associate Professor of Aeronautical Engineering, Parks College of Aero. Tech., East St. Louis, Ill. 1951.

Grunenfelder, J. George, Professor of Metallurgy, Montana School of Mines, Butte, Mont. 1950.

Guard, Harris T., Professor of Mathematics, Colorado A. & M. College, Fort Collins, Colo. 1948.

Gudebski, Henry C., Assistant Professor of Metallurgy, University of Detroit, Detroit, Mich. 1942.

Guenther, Otto V., Head, Mechanical and Metallurgical Depts., New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1948.

Guenver, James L., Instructor in Electrical Engineering, University of Delaware, Newark, Del. 1949.

Guerdan, George A., Associate Professor of Mechanical Engineering, College of the City of New York, New York, N. Y. 1938.

Guernsey, Roscoe, Associate Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1941.

Guerrieri, Salvatore A., Assistant Professor of Chemical Engineering, University of Delaware, Newark, Del. 1948.

Guess, Robert H., Instructor in Electrical Engineering, Mississippi State College, State College, Miss. 1947.

Guidon, Michael, Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

Guild, Lawrence R., Professor & Head, Depts. of Management and Industrial Engineering, University of Southern California, Los Angeles, Calif. 1951.

Guillard, Eugene. 1947.

Guillemin, Ernst A., Professor of Electrical Communications, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

Guillou, Rene, c/o STEM., American Embassy, Bangkok, Thailand. 1946.

Guinn, John R., Assistant Professor, Engineering Division, Texas College of A. & I., Kingsville, Texas. 1950.

Guldemann, Eugene J., Associate Professor of Civil Engineering, Texas Western College, El Paso, Texas. 1947.

Gulden, Kermit R., Assistant Professor of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

Gullette, George A., Professor and Head, Dept. of Social Studies, North Carolina State College, Raleigh, N. C. 1947.

Gullikson, Albert C., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1943.

Gunder, Dwight F., Professor and Head, Dept. of Engineering Mechanics, Cornell University, Ithaca, N. Y. 1938.

Gundlach, John T., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1950.

Gupton, James M., Senior Instructor, Machine Shop, School of Tech., University of Houston, Houston, Tex. 1951.

Gurnham, C. Fred, Professor and Head, Dept. of Chemical Engineering, Tufts College, Medford, Mass. 1949.

Gus, Charles E., Executive Secretary, College of Engineering, Professor of Engineering Mechanics, Retired, New York University, New York City (8801 Shore Road, Brooklyn 9, N. Y.). 1926.

Gush, Clarence E., Coordinator, Division of Industry, East Los Angeles Junior College, Los Angeles, Calif. 1947.

Gustafson, Lester W., Head, Aeronautical Engineering, California State Polytechnic College, San Luis Obispo, Calif. 1951.

Guthrie, Albert N., Associate Professor of Physics, Brooklyn College, Brooklyn 10, N. Y. 1937.

Guthrie, Ledru O., Assistant Professor of English, University of Minnesota, Minneapolis, Minn. 1938.

Guthrie, William S., Associate Professor of Mechanical Engineering, Texas A. & M. College, College Station, Tex. 1951.

Guy, James L., Assistant Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1948.

Gwiazdowski, Alexander P., Professor of Mechanical Engineering, Tri-State College, Angola, Ind. 1948.

Gwinn, Ira J., Assistant Professor of Physics, Morningside College, Sioux City 20, Iowa. 1934.

GYTE, MILLARD E., District Manager, Technical Extension Division, Purdue—Calumet Center, Hammond, Ind. 1948.

HAAS, EUGENE G., Professor and Head of Chemistry, Fenn College, Cleveland, Ohio. 1950.

HAAS, GEORGE W., Instructor in Mechanical Drawing, Glenbard Township High School, Glen Ellyn, Ill. 1951.

HAAS, VINTON B., JR., Assistant Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1950.

HAAS, WENDALL M. B., Liaison Engineer, Douglas Aircraft Co., El Segundo, Calif. 1948.

HAAS, WILBUR M., Instructor in Civil Engineering, University of Wisconsin, Madison, Wis. 1951.

HAASE, HAROLD F., Associate Professor of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1951.

HACKETT, ARTHUR J., Instructor in Engineering, N. Y. State Institute of Applied Arts and Sciences, White Plains, N. Y. 1950.

HAENTJENS, CHARLES H., Instructor in Drawing and Mathematics, Santa Rosa Junior College, Santa Rosa, Calif. 1939.

HAERTLEIN, ALBERT, Associate Dean of Applied Sciences, and Gordon McKay Professor of Civil Engineering, Harvard University, Cambridge, Mass. 1929.

HAESSLY, STUART B., Chief Engineer, Donaldson Company, Inc., 666 Pelham Blvd., St. Paul 4, Minn. 1948.

HAGEN, R. R., Assistant Professor of Engineering Drawing, Michigan College of M. & T., Houghton, Mich. 1945.

HAGERTY, WILLIAM W., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1947.

HAGGERTY, GERALD B., Assistant Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1948.

HAINER, LINTON, Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

HAINES, D. DON, Associate Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1935.

HAINES, HOWARD N., Assistant Professor of Civil Engineering, Duke University, Durham, N. C. 1950.

HAINEY, MELVIN F., Assistant Professor of Drawing, University of Texas, Austin, Texas. 1948.

HAINLIN, ALBERT W., Assistant Professor of Mechanical Engineering, University of Miami, Coral Gables, Fla. 1950.

HAIRE, EDWIN I., Assistant Professor of Mathematics, Lawrence Institute of Technology, Highland Park, Mich. 1948.

HAIRSTON, RAYMOND L., Assistant Director, Cooperative Program, University of Houston, Houston, Texas. 1950.

HALES, VIRGIL D., Associate Professor and Head, Dept. of Engineering Drawing, Fenn College, Cleveland, Ohio. 1930.

HALIK, GLEN W., Assistant Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1951.

HALL, ALLEN S., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1944.

HALL, AMY V., Professor of Humanistic-Social (Engineering), University of Washington, Seattle, Wash. 1925.

HALL, CHARLES W. 1948.

HALL, CLARENCE A., Assistant Research Coordinator, Research Laboratory, Ethyl Corp., 1600 W. 8 Mile Rd., Detroit, Mich. 1939.

HALL, CLARENCE E., Instructor in Engineering Drawing, 1641 Monroe St., Paducah, Ky. 1948.

HALL, DAVID J., Professor of Civil Engineering, University of Arizona, Tucson, Ariz.

HALL, DONALD E., Assistant Professor of Mechanical Engineering, 12 Griffin Ave., Savannah, Ga. 1950.

HALL, FRANCIS T., JR., Professor & Acting Head of Electrical Engineering, Pennsylvania State College, State College, Pa. 1950.

HALL, H. LAWRENCE, Professor and Head, Industrial Engineering Dept., University of Wichita, Wichita 14, Kans. 1949.

HALL, HOWARD P., Assistant Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1948.

HALL, KEITH W., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1951.

HALL, NEWMAN A., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

HALL, STANLEY G., Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1938.

HALL, STANLEY R., Research Engineer, Chaney Laboratories, Burbank, Calif. 1936.

HALL, VORIS B., Head, Engineering and Physics Depts, Wilkes College, Wilkes-Barre, Pa. 1927.

HALL, WALTER C., Personnel Supervisor, Illinois Bell Tel Co., 212 W. Washington St., Chicago 6, Ill. 1946.

HALL, WARREN A., Lecturer in Engineering, 5932 Le May Road, Rockville, Md. 1947.

HALL, WESLEY B., Professor and Head, Dept. of Electrical Engineering, University of Rhode Island, Kingston, R. I. 1925.

HALL, WILLIAM H., Dean, College of Engineering, Duke University, Durham, N. C. 1927.

HALLER, GEORGE L., Dean, School of Chemistry and Physics, Pennsylvania State College, State College, Pa. 1944.

HALSEY, HUGH, Senior Instructor in Physics, N. Y. State Institute of Applied Arts and Sciences, White Plains, N. Y. 1933.

HAMILTON, DEWITT, C., JR., Senior Engineer, Oak Ridge National Lab., Oak Ridge, Tenn. 1949.

HAMILTON, DONALD A., Head, Architecture and Applied Art, Oklahoma A. & M. College, Stillwater, Okla. 1950.

HAMILTON, EDW. P., President, John Wiley & Sons, Inc., 440 Fourth Ave., New York 16, N. Y. 1914.

HAMILTON, ERWIN H., Associate Professor of Mechanical Engineering, New York University, New York City. 1938.

HAMILTON, HANCE C., Assistant Professor of Graphics, Lafayette College, Easton, Pa. 1949.

HAMILTON, HERBERT J., Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

HAMILTON, WALLIS S., Associate Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1948.

HAMLEN, EARLE K., Associate Professor of Coordination, University of Akron, Akron, Ohio. 1946.

HAMM, ALTON S., Designer, Fay, Spofford, & Thorndike, Boston, Mass. 1947.

HAMMANN, JOHN W., Instructor in Electrical Engineering, Washington University, St. Louis, Mo. 1947.

HAMMER, CHARLES F., Engineering Manager, Eng. Div., Westinghouse Air Brake Co., Wilmerding, Pa. 1949.

HAMMER, VERNON B., Instructor in General Engineering, University of Washington, Seattle, Wash. 1949.

HAMMERSHAIMB, GEORGE T., Consulting Engineer, Berne, N. Y. 1950.

HAMMETT, CECIL E., Professor and Head, Engineering Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1950.

HAMMOND, ALEXANDER F., Instructor in Drawing & Designing, Clemson College, Clemson, S. C. 1951.

Hammond, George H., Associate Professor of Electrical Engineering, Tufts College, Medford 55, Mass. 1948.

Hammond, Harry P., Dean Emeritus, School of Engineering, The Pennsylvania State College, State College, Pa. (*Director of Summer Schools for Engineering Teachers, 1927–33; Associate Director of Investigations, 1923–29; Member of Council, 1927–30, 1934–46; Vice President, 1934–35; President, 1936–37.*) *Eighteenth Recipient, Lamme Medal (1945).* (Home add.: 432 W. Fairmount Ave., State College, Pa. 1916.

Hammond, Robert H., Capt., Instructor in Military Topography and Graphics, U. S. Military Academy, West Point, N. Y. 1946.

Hammond, Thomas M., Head, Dept. of Engineering and Physics, Schreiner Institute, Kerrville, Texas. 1940.

Hamner, B. B., Associate Professor of Aeronautical Engineering, Texas A. & M. College, College Station, Texas. 1950.

Hampton, William C., Associate Professor of Mechanical Engineering, Villanova College, Villanova, Pa. 1949.

Hancock, George W. 1950.

Hang, Richard I., Instructor in Engineering Drawing, Ohio State University, Columbus, Ohio. 1950.

Hanes, James C., Professor and Head, Dept. of Civil Engineering, Rutgers University, New Brunswick, N. J. 1950.

Hanley, George P., Instructor in Engineering Drawing, University of Detroit, Detroit, Mich. 1947.

Hanna, William J., Assistant Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1950.

Hannum, Frank W., Instructor in Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1949.

Hannum, Joshua E., Dean of Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1935.

Hanrahan, Frank J., Chief Engineer and Dept. Director, Technical and Standard Depts., National Lumber Mfg. Assoc., Washington 16, D. C. 1936.

Hanrahan, George E. 1946.

Hanselman, George R., Professor and Assistant Director, School of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1938.

Hansen, Andrew, Associate Professor and Assistant Dean of Chemical Engineering, University of Southern California, Los Angeles, Calif. 1947.

Hansen, Howard J. 1947.

Hanson, Karl P., Professor and Head, Dept. of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1941.

Hanson, Loring O., Associate Professor of Applied Mechanics, University of Kansas, Lawrence, Kans. 1950.

Hanson, Robert S., Vice Chairman, Department of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1936.

Hansteen, Henry B., Professor of Electrical Engineering, The City College of N. Y., New York, N. Y. 1938.

Happel, John, Professor and Head, Dept. of Chemical Engineering, New York University, New York City, N. Y. 1948.

Harbison, Clyde L., Instructor in Mathematics, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

Harbour, Richard D., Assistant Professor of Electrical Engineering, State College of Washington, Pullman, Wash. 1948.

Hardaway, B. A., Assistant Professor of Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1947.

Hardenbergh, Donald E., Assistant Professor of Engineering Mechanics, Pennsylvania State College, State College, Pa. 1948.

Harder, Keith C., Head, Science Education, Office of Naval Research, Navy Dept., Washington, D. C. 1947.

Harder, Oscar E., Consultant, Physical Metallurgy Department, Battelle Memorial Institute, Columbus, Ohio. 1925.

Hardgrave, J. Coyne, Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas. 1930.

Hardgrave, Jack M., Instructor in Mechanical Engineering, New Mexico College of A. & M., State College, N. M. (On leave: Capt., 4006th, ASU, RC, Fort Sam Houston, Texas.) 1949.

Harding, Albert H., Instructor in Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Harding, Fenton, Associate Professor of Civil Engineering, Texas Technological College, Lubbock, Texas. 1950.

Harding, George H., Director, Mapping and Charting Research Lab., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio. 1930.

Harding, Samuel R., Supt. of Manufacturing Laboratory, State University of Iowa, Iowa City, Iowa. 1945.

Haritonoff, Alexander, Director Tool Engineering, Midwestern Technical Institute, Chicago, Ill. 1949.

Harker, Ralph J., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

Harkness, Daniel H., Sales Engineer, W. & L. E. Gurley Co., Troy, N. Y. 1928.

Harley, John D., Professor of Engineering, A. & I. State University, Nashville, Tenn. 1951.

Harloff, Robert E., Instructor in Mechanics, Marquette University, Milwaukee, Wis. 1950.

Harlow, Henry G., Professor and Chairman of Civil Engineering, Union College, Schenectady, N. Y. 1942.

Harlow, James G., Director, High School Science Service, and Instructor in Physics, University of Oklahoma, Norman, Okla. 1949.

Harman, Willis W., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1949.

Harms, John, Education & Training Specialist, Personnel Div., Naval Research Lab., Washington, D. C. 1951.

Harness, George T., Professor and Head, Dept. of Electrical Engineering, University of Southern California, Los Angeles 7, Calif. 1941.

Harper, Arthur C., President, Wyomissing Polytechnic Institute, Wyomissing, Pa. 1911.

Harper, James W., Instructor in Mechanical Engineering, University of Nebraska, Lincoln 2, Nebr. 1949.

Harrelson, John W., Chancellor, North Carolina State College, Raleigh, N. C. 1933.

Harrington, John M., Professor and Head, Department of Mathematics, Michigan College of M. & T., Houghton, Mich. 1943.

Harrington, Robert L., Assistant Professor of Mechanical Engineering, Tufts College, Medford, Mass. 1941.

Harrington, R. Paul, Professor and Head, Dept. of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1942.

Harris, Anna M., Instructor in Mathematics, North Carolina State College, Raleigh, N. C. 1951.

Harris, Charles O., Michigan State College, East Lansing, Mich. (*Member of Council, 1951–53.*) 1939.

HARRIS, E. C., Professor and Head, Dept. of Structural Engineering, Fenn College, Cleveland, Ohio. 1947.

HARRIS, EDWARD H., Instructor in Civil Engineering, Johns Hopkins University, Baltimore, Md. 1951.

HARRIS, ELLWOOD K., Chairman, Drawing and Design Dept., General Motors Institute, Flint 2, Mich. 1946.

HARRIS, HENRY E., Instructor in Engineering and Mathematics, Contra Costa Junior College, Martinez East Campus, Calif. 1943.

HARRIS, JAMES B., Instructor, Technical Department, Central Radio and Television Schools, Kansas City, Mo. 1950.

HARRIS, L. DALE, Associate Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1943.

HARRIS, MARK P., Assistant Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1946.

HARRIS, ROBERT B., Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1948.

HARRIS, WILLIAM W., Structural Designer, Glenn L. Martin Co., Baltimore, Md. 1947.

HARRISBERGER, EDGAR L., Instructor in Mechanical Engineering, University of Utah, Salt Lake City, Utah. 1951.

HARRISON, ARTHUR E., Associate Professor of Electrical Engineering, University of Washington, Seattle 5, Wash. 1949.

HARRISON, ED. M., Coordinator and Associate Professor, School of Engineering, Southern Methodist University, Dallas 5, Texas. 1939.

HARRISON, JOHN B., Vice President, Rotary Lift Co., Memphis, Tenn. 1949.

HARRISON, JOHN W., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1948.

HARROUN, DALE T., Associate Professor of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1949.

HART, BERNARD E., Associate Professor of Engineering Drawing, Arkansas A. & M. College, Monticello, Ark. 1950.

HARTENBERG, RICHARD S., Associate Professor of Mechanics, Dept. of Civil Engineering, Northwestern Technological Institute, Evanston, Ill. 1930.

HARTIG, HENRY E., Professor and Head, Department of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1922.

HARTLEY, LODWICK C., Professor and Head, Dept. of English, North Carolina State College, Raleigh, N. C. 1948.

HARTLEY, THOMAS C., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1950.

HARTMAN, DAVID K., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

HARTMAN, JAMES B., Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1947.

HARTMAN, PAUL, Associate Professor of Civil Engineering, College of the City of New York, New York City. 1940.

HARTMAN, WILLIAM T., 20 Elliott St., Charleston 1, S. C. 1948.

HARTSAW, WILLIAM O., Instructor, Engineering, Evansville College, Evansville, Ind. 1950.

HARTSOOK, ARTHUR J., Professor of Chemical Engineering, Rice Institute, Houston, Texas. 1938.

HARTUNG, WALTER M., Vice President, Director of Training, Academy of Aeronautics, LaGuardia Field, N. Y. 1947.

HARTY, JOHN H., Principal Physicist, Research Dept., New Mexico School of Mines, Socorro, N. M. 1948.

HARVEY, DOUGLAS J., Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

HASHMALL, MAURICE L., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

HASKINS, ELMER E., Associate Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio. 1932.

HASSEL, ELMER W., Engineer, Commercial & Government Equip. Dept., General Electric Co., Syracuse, N. Y. 1950.

HASSLER, GERALD L., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

HASSLER, PAUL C., JR., Instructor in Engineering, 1834 Mesa Vista Dr., Albuquerque, N. M. 1950.

HASTINGS, HUDSON B., Professor of Economics, Chairman, Department of Industrial Administration, Yale University, New Haven, Conn. 1928.

HATCH, JOHN P., Assistant Professor of Mechanical Engineering, Thayer School of Engineering, Hanover, N. H. 1948.

HATCHER, THOMAS W., Professor of Mathematics, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

HATHAWAY, ARTHUR S., Assistant Professor of Engineering Drawing, Northwestern University, Evanston, Ill. 1934.

HATHAWAY, SAMUEL D., Va. 1950.

HATTRUP, HUBERT E., Associate Professor of Electrical Engineering, University of Idaho, Moscow, Idaho. 1941.

HAUBER, CECIL, Professor and Head, Civil Engineering Dept., Tri-State College, Angola, Ind. 1948.

HAUPT, LEWIS M., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1937.

HAUSENBAUER, CHARLES R., Assistant Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1948.

HAUSER, ERNST A., Professor of Colloid Chemistry, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

HAUSER, JAMES J., Assistant Professor of Industrial Engineering, University of Southern California, Los Angeles, Calif. 1947.

HAUSMAN, ELMER L. 1948.

HAUSMAN, PAUL G., Professor and Chairman, Engineering Shop Practice Department, University of Kansas, Lawrence, Kansas. 1950.

HAUSMANN, ERICH, Dean and Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926.

HAWK, HAROLD W., Assistant Professor of English, University of Colorado, Boulder, Colo. 1947.

HAWK, MINOR C. 1949.

HAWKES, JOHN B., Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1939.

HAWKINS, GEORGE A., Associate Director, Engineering Experiment Station, and Professor of Thermodynamics, Purdue University, Lafayette, Ind. 1930.

HAWKINS, HAROLD V., Chief Engineer, Globe Corp. Aircraft Division, Chicago, Ill. 1947.

HAWKINS, ROBERT D., Professor of Applied Mechanics and Head, General Engineering Dept., University of Kentucky, Lexington, Ky. 1939.

HAWKINS, ROBERT H., Supervisor, Service Dealer Publications, Caterpillar Tractor Co., Peoria, Ill.

HAWLEY, RANSOM S., Chairman, Dept. of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

HAWTHORNE, QUINTIN J., Professor and Head, Dept. of Aeronautics, Tri-State College, Angola, Ind. 1948.

HAXBY, BERNARD V., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

HAY, EARL D., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1915.

HAYCOCK, OBED C., Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1948.

HAYES, ANDREW J., Assistant to Controller, General Instruments, Inc., Dallas 5, Texas. 1947.

HAYES, CHARLES P., Associate Professor of Engineering Drawing, University of Alabama, University, Ala. 1949.

HAYES, JOHN M., Associate Professor of Structural Engineering, Purdue University, Lafayette, Ind. 1945.

HAYNES, HAROLD A., Associate Superintendent Public Schools, Washington, D. C. 1942.

HAYNES, HILLIARD G., Associate Professor of Civil Engineering, The Citadel, Charleston, S. C. 1936.

HAYS, FRANK B., Deputy Head, Landing Ship and Boats Type Desk, Bureau of Ships, Navy Dept., Washington, D. C. 1939.

HAYWARD, HAROLD N., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1936.

HAZARD, CLIFTON T., Professor of Mathematics, Purdue University, Lafayette, Ind. 1946.

HAZELL, WILLIAM, Dean, Administration Admissions, Newark College of Engineering, Newark, N. J. 1943.

HAZELTINE, ALAN, Consultant, 15 Tower Drive, Maplewood, N. J. 1910.

HAZELTON, RUSSELL F., Associate Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1948.

HAZEN, HAROLD L., Professor and Head, Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1938.

HAZEN, JOHN W., Research Engineer and Lecturer, University of California, Los Angeles 24, Calif. 1932.

HEACOCK, FRANK A., Professor and Head, Dept. of Graphics and Engineering Drawing, Princeton University, Princeton, N. J. 1926.

HEAD, ROBERT R., Assistant Prof. of Mechanical Engineering, Washington State College, Pullman, Wash. 1950.

HEADDY, PAUL B., Assistant Professor of English and History, Rose Polytechnic Institute, Terre Haute, Ind. 1950.

HEADLAND, CHARLES, Instructor in Engineering, Grove City College, Grove City, Pa. 1947.

HEALD, HENRY T., Chancellor, New York University, New York, N. Y. (*President, 1942–43; Vice President, 1941–42; Member of Council, 1938–47.*) 1931.

HEALY, JOHN J., Assistant to Vice President, Research, Development and Patents Dept., Monsanto Chemical Company, 1700 S. Second St., St. Louis 4, Mo. 1949.

HEANY, ARTHUR G., Vice President and Manager, College Department, D. Van Nostrand Company, Inc., 250 4th Avenue, New York, N. Y. 1929.

HEARD, M. EARL, Vice President in Charge of Research, West Point Mfg. Co., West Point, Ga. 1935.

HEATH, CHARLES O., Associate Professor of Engineering Materials, Oregon State College, Corvallis, Ore. 1942.

HEATH, EDWARD B., Head, Div. of Technical Vocational Education, San Bernardino Valley Junior College, San Bernardino, Calif. 1935.

HEATH, GEORGE L., Assistant Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1948.

HEATH, HAROLD E., Head of Engineering Personnel Dept., Western Electric Co., Hawthorne Station, Chicago, Ill. 1947.

HEBEL, IVAN L., Professor and Head, Dept. of Mathematics, Colorado School of Mines, Golden, Colo. 1947.

HEBERLING, WILLIAM W., Detailer, Electrical Engineering Dept., Public Service Co., Newark 4, N. J. 1949.

HEBRANK, EUGENE F., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1940.

HECHLER, FRED G., Director Emeritus, Engineering Experiment Station, Pennsylvania State College, State College, Pa. 1948.

HECKER, CHARLES H., Professor and Head, Depts. of Chemical Engineering and Chemistry, Clarkson College of Technology, Potsdam, N. Y. 1947.

HECKMAN, RUSSELL F., Instructor in Chemical Engineering, University of Colorado, Boulder, Colo. 1949.

HEDINGER, HOWARD E., Head Instructor in Drafting, Henry Ford Trade School, Dearborn, Mich. 1948.

HEDRICH, WALTER A., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1946.

HEER, JOHN E., JR., Instructor in Civil Engineering, University of Louisville, Louisville, Ky. 1951.

HEFLIN, STERLING M., Professor and Head, Dept. of Physics, Virginia Military Institute, Lexington, Va. 1946.

HEFNER, RALPH A., Dean of General Studies, Georgia Institute of Technology, Atlanta, Ga. 1946.

HEHNER, LEONARD A., Advertising and Sales Promotion Manager, American Lead Pencil Company, Hoboken, N. J. 1950.

HEIBERG, ELVIN R., Professor of Mechanics, U. S. Military Academy, West Point, N. Y. 1950.

HEIDEMAN, BERT R. M., Associate Professor of History, Geography and Political Science, Michigan College of M. & T., Houghton, Mich. 1950.

HEILIG, LOUIS S., Associate Professor of Mining, University of Minnesota, Minneapolis, Minn. 1945.

HEIMERICH, JOHN J., Professor and Head, Dept. of Architectural Engineering, University of New Mexico, Albuquerque, N. M. 1946.

HEINE, RICHARD W., Assistant Professor of Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1950.

HEINLEIN, DAVID M., Head, Science Dept., Rutgers Preparatory School, New Brunswick, N. J. 1951.
(In service: March Air Force Base. Home add.: 4111 Ramona Dr., Riverside, Calif.)

HEINLEIN, REX L., JR., Associate Professor of Electricity, United States Military Academy, West Point, N. Y. 1945.

HEINRICH, ROSS R., Professor of Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

HEINZE, ROBERT C., Process Engineer, The Girdler Corporation, 325 Monohan Drive, Louisville, Ky. 1950.

HEIPLE, LOREN R., Professor and Head, Civil Engineering Department, University of Arkansas, Fayetteville, Ark. 1950.

HEISE, HENRY A., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1950.

HEITZMAN, EUGENE M., Instructor in Civil Engineering. 1949.

HELANDER, LINN, Professor and Head, Department of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1935.

HELLER, RALPH, Associate Professor of Physics, Worcester Polytechnic Institute, Worcester 2, Mass. 1943.

HELLWARTH, ARLEN R., Assistant to Employment Manager, Detroit Edison Co., 2000 Second Ave., Detroit 27, Mich. 1948.

HELME, GEORGE C., Assistant Professor of Mathematics, Pratt Institute, Brooklyn, N. Y. 1947.

HELTZEL, EDWARD N., Assistant Professor of Engineering, Wilkes College, Wilkes-Barre, Pa. 1949.

HELWIG, W. F., Associate Professor of Electrical Engineering, University of Texas, Austin, Texas. 1947.

HEM, LAWRENCE W., Assistant Professor of Mechanical Engineering, College of the City of New York, New York City. 1939.

HEMENWAY, A. ARTHUR, Assistant Project Engineer, Boeing Airplane Company, Seattle, Wash. 1950.

HEMKE, PAUL E., Dean of Faculty and Head, Dept. of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

HEMMING, ERIC E., Instructor in Engineering Drawing, University of Detroit, Detroit, Mich. 1947.

HEMPSTEAD, JEAN C., Professor of General Engineering, Iowa State College, Ames, Iowa. (In service: March Air Force Base. Military add.: 4111 Ramona Dr., Riverside, Calif.) 1935.

HENDERSON, CHARLES, Dean of Engineering, University of Virginia, Charlottesville, Va. 1951.

HENDERSON, CLARK D., Assistant to Dean, and Assistant Professor of Industrial Engineering, Stanford University, Stanford, Calif. 1950.

HENDERSON, DAVID E., Head, Dept. of Industrial Engineering, North Carolina State College, Raleigh, N. C. 1948.

HENDERSON, EDWARD M., Adjunct Professor of Civil Engineering, University of South Carolina, Columbia, S. C. 1948.

HENDERSON, FREDERICK R., Director, Veterans Office, Northeastern University, Boston 15, Mass. 1940.

HENDERSON, GEORGE A., Associate Professor of Mechanical Engineering, Box 25C, R.R. No. 4, Huntsville, Ala. 1948.

HENDERSON, JAMES M., Director, School of Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1930.

HENDERSON, ROBERT B., Assistant Professor of Electrical Engineering, Manhattan College, New York, N. Y. 1948.

HENDERSON, S. MILTON, Lecturer in Agricultural Engineering, University of California, Davis, Calif. 1946.

HENDRICKS, IRA K., Director of Libraries, Utah State Agricultural College, Logan, Utah. 1950.

HENDRICKS, JAMES W., Instructor in Drawing, University of Tennessee, Knoxville, Tenn. 1949.

HENDRICKSON, GEORGE A., Dean of Engineering, Lawrence Institute of Technology, Highland Park, Mich. 1947.

HENDRIKS, HAROLD J., Associate Professor of of Mechanical Engineering, University of Washington, Seattle, Wash. 1950.

HENDRICKSON, KARL N., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1948.

HENDRICKS, HAROLD J., Associate Professor of Electrical Engineering, University of Nevada, Reno, Nev. 1948.

HENKE, FRANK X., Instructor in Engineering Drawing, Chicago City Junior College, Chicago, Ill. 1949.

HENLINE, HENRY H., Secretary, American Institute of Electrical Engineers, 33 W. 39th Street, New York 18, N. Y. 1919.

HENNES, ROBERT G., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1935.

HENNESSEY, WESLEY J., Assistant to Dean, Faculty of Engineering, Columbia University, New York, N. Y. 1943.

HENNICK, DONALD CUMMINS, Assistant Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1950.

HENNINGER, G. ROSS, Professor of Electrical Engineering, Engineering Extension Service, Iowa State College, Ames, Iowa. 1940.

HENRY, JOHN A., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1941.

HENRY, LEVI L., Assistant Dean, College of Engineering, Detroit Institute of Technology, Detroit, Mich. 1944.

HENRY, LYELL D., Assistant Professor of General Engineering, Iowa State College, Ames, Iowa. 1948.

HENSEL, SAMUEL L., JR., Assistant Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1951.

HENSHAW, CHARLES N., Associate Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1930.

HEPPINSTALL, ROBERT S., Assistant Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1948.

HERMES, RICHARD M., Research Professor, Engineering Dept., University of Santa Clara, Santa Clara, Calif. 1943.

HEROD, WILLIAM R., President, International General Electric Co., New York, N. Y. 1949.

HEROLD, PAUL G., Professor and Chairman, Ceramic Engineering, Missouri School of Mines, Rolla, Mo. 1948.

HERR, LESTER A., Highway Bridge Engineer, U. S. Bureau of Public Roads, Portland 2, Ore. (705 S. Plymouth St., Olympia, Wash.) 1948.

HERREMAN, HAROLD M., Associate Professor of Physics, Georgia Institute of Technology, Atlanta, Ga. 1940.

HERRICK, CARL A., Professor Emeritus of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. *Life member.* 1922.

HERRICK, THOMAS J., Associate Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1936.

HERRINGTON, JACK D., Assistant Professor of Architecture. 1948.

HERRMANN, ERNEST E., Superintendent, U. S. Naval Postgraduate School, Monterey, Calif. 1951.

HERRMANN, GEORGE, Assistant Professor of Civil Engineering, Columbia University, New York, N. Y. 1950.

HERRMANN, RAYMOND R., Manager, Rate and Sales Research, Northern States Power Co., Minneapolis 2, Minn. 1947.

HERRON, LOWELL W., Dean of the Faculty, Clarkson College of Technology, Potsdam, N. Y. 1948.

HERSHBERGER, WILLIAM D., Professor of Engineering, University of California, Los Angeles, Calif. 1949.

HERSHKOWITZ, BERNARD H., Assistant Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1949.

HERSHKOWITZ, LEON, Assistant Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1949.

HERSHMAN, JOSEPH B., President, Valparaiso Technical Institute, Valparaiso, Ind. 1943.

HERTEL, KENNETH L., Professor and Head, Dept. of Physics, University of Tennessee, Knoxville, Tenn. 1941.

HERTZ, DAVID B., Assistant Professor of Industrial Engineering, Columbia University, New York, N. Y. 1949.

HESS, HOWARD M., Professor and Head, Dept. of Electrical Engineering, Wayne University, Detroit 1, Mich. 1942.

HESS, WENDELL F., Head, Department of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1936.

HESSE, HENRY R., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1949.

HESSE, HERMAN C., Dean, College of Engineering, Valparaiso University, Valparaiso, Ind. 1929.

HESSELBERTH, WILFRED M., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

HESSELSCHWERDT, AUGUST L., JR., Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

HESSEMER, PAUL, Assistant Professor of Civil Engineering, Johns Hopkins University, Baltimore 18, Md. 1945.

HESSLER, VICTOR P., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1928.

HETÉNYI, MIKLÓS, Walter P. Murphy Professor of Theoretical and Applied Mechanics, Northwestern University, Evanston, Ill. 1946.

HETT, JOHN H., Project Director, Research Division, New York University, New York, N. Y. 1939.

HETZEL, THEODORE B., Associate Professor of Mechanical Engineering, Haverford College, Haverford, Pa. 1936.

HEUER, WM. EMIL, Associate Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1946.

HEWITT, GEORGE S., Associate Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1950.

HEYDEN, OLIVER F., Assistant Professor of Engineering Drawing, University of Detroit, Detroit, Mich. 1948.

HIBSHMAN, NELSON S., Dean, School of Engineering, Pratt Institute, Brooklyn 5, N. Y. 1930.

HICKOX, GEORGE H., Associate Director, Engineering Experiment Station, University of Tennessee, Knoxville, Tenn. 1948.

HICKS, D. REGINALD, Assistant Director of Personnel, U. S. Bureau of Reclamation, Dept. of the Interior, Washington 25, D. C. 1947.

HICKS, HEROLD B., Manager, Western District, McGraw-Hill Book Co., San Francisco 4, Calif. 1946.

HICKS, LEWIS F., Instructor in Mechanical Engineering, Ohio University, Athens, Ohio. 1950.

HICKS, STUART F., Associate Professor of Engineering Drawing, Wayne University, Detroit, Mich. 1945.

HICKS, WILLIAM N., Professor and Head, Dept. of Philosophy and Religion, North Carolina State College, Raleigh, N. C. 1939.

HIGBEE, FREDERIC G., Professor and Head, Dept. Engineering Drawing, State University of Iowa, Iowa City, Iowa. (*Vice President, 1922–23; Member of Council, 1916–19, 1946–48.*) 1906.

HIGDON, ARCHIE, Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. (On leave: Lt. Col., Hq. 15th A. F., March AFB, Calif.) 1938.

HIGGINBOTHAM, DAVID E., Assistant Professor of Electrical Engineering, Tufts College, Medford 55, Mass. 1948.

HIGGINBOTHAM, EDWIN, Professor and Head, Dept. of English, Worcester Polytechnic Institute, Worcester, Mass. 1943.

HIGGINS, FRANCIS V., Assistant Professor of Mechanics, Fenn College, Cleveland, Ohio, 1951.

HIGGINS, GEORGE J., Professor of Aeronautics, U. S. Naval Postgraduate School, Monterey, Calif. 1935.

HIGGINS, THOMAS J., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1940.

HIGGS, ROLAND W., Instructor in Electrical Engineering, Howard University, Washington, D. C. 1949.

HIGHTOWER, RUSSELL L., Instructor in Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1947.

HILBRICH, ALVIN P., Instructor in Engineering, 1947.

HILDEBRANT, HELEN E., Assistant in Personnel Relations, Newark College of Engineering, Newark, N. J. 1947.

HILDING, WINTHROP E., Assistant Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1947.

HILL, ARTHUR M., Professor and Head, Dept. of Mechanical Engineering, Tulane University, New Orleans, La. 1931.

HILL, ARTHUR S., Professor Emeritus of Electrical Engineering, University of Maine, Orono, Maine. *Life Member.* 1919.

HILL, CLIFTON C., Associate Professor of Mechanics, University of Florida, Gainesville, Fla. 1948.

HILL, G. T. R., "Enagh," Londonderry, N. Ireland. 1947.

HILL, IVAN L., Associate Professor of Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. 1942.

HILL, JOHN A., Director of Student Personnel and Admissions, New York University, New York, N. Y. 1947.

HILL, PERCY H., Instructor in Engineering Drawing, Tufts College, Medford, Mass. 1948.

HILL, RICHARD C., Associate Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1948.

HILLIKER, LEON C., Instructor in Engineering Mechanics, University of Detroit, Detroit, Mich. 1948.

HILLIS, LEONARD F., Associate Professor of Civil and Structural Engineering, University Extension Division, University of Wisconsin, Madison 3, Wis. 1945.

HILLYARD, LAWRENCE R., Engineering Personnel Officer and Associate Professor of General Engineering, Iowa State College, Ames, Iowa. 1940.

HILSENRATH, JOSEPH, Scientific Educational Advisor, National Bureau of Standards, Washington, D. C. 1948.

HILTON, WALLACE A., Professor and Head, Dept. of Physics, William Jewell College, Liberty, Mo. 1948.

HIMELRIGHT, LORING K., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1949.

HINCKLEY, ALFRED D., Executive Secretary, Illuminating Engineering Society, 51 Madison Ave., New York 10, N. Y. 1929.

HINDLE, MILTON, Associate Professor of Engineering, Lowell Textile Institute, Lowell, Mass. 1948.

HINDLE, NORMAN F., Professor and Head of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1943.

HINEBAUGH, MYRON E., Instructor in Electrical Engineering, University of Tennessee, Martin Branch, Martin, Tenn. 1951.

HINKLE, ROLLAND T., Professor of Mechanical Engineering, and Chairman of Design Option Dept., Michigan State College, East Lansing, Mich. 1942.

HINMAN, JACK, JR., Col., Corps of Engineers, U.S.A., Retired, 121 Melrose Avenue, Iowa City, Iowa. 1936.

HINRICHS, RALPH H. 1950.

HINTON, WILLIAM A., Associate Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1935.

HIRSCH, FRED, Assistant Professor of Engineering Design, University of California, Berkeley, Calif. 1947.

HIRST, JOHN M., Assistant Professor of Electrical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1944.

HITCHCOCK, LEON W., Professor and Head, Dept. of Electrical Engineering, University of New Hampshire, Durham, N. H. 1922.

HIXON, CHARLES R., Professor and Head, Dept. of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1910.

HIXSON, ARTHUR W., Head, Dept. of Chemical Engineering, Columbia University, New York, N. Y. 1937.

HNATH, NICHOLAS, Instructor in Engineering Drawing, 92 Midland Ave., Highland Park 3, Mich. 1949.

HOADLEY, ANTHONY, Professor of Civil Engineering, Union College, Schenectady, N. Y. 1928.

HOADLEY, GEORGE B., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. (*Member of Council, 1949–51.*) 1935.

HOAG, ALBERT L., Instructor in General Engineering, University of Washington, Seattle, Wash. 1948.

HOAG, JOHN A., Assistant Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1949.

HOBBS, RANALD P., Vice President, Rinehart & Co., Inc., New York 16, N. Y. 1944.

HOBGOOD, PRICE, Professor of Agricultural Engineering, A. & M. College of Texas, College Station, Texas. 1948.

HOBSON, JESSE E., Director, Stanford Research Institute, Stanford University, Stanford, Calif. 1942.

HOBSON, JOSEPH R. A., JR., Lecturer in Industrial Engineering, Columbia University, New York, N. Y. 1950.

HOBSON, LELAND S., Assistant Director of Engineering Experiment Station, and Professor of Industrial Engineering, Kansas State College, Manhattan, Kans. 1948.

HOBSON, MERK, Assistant Professor of Chemical Engineering, University of Nebraska, Lincoln, Neb. 1950.

HOCKEMA, FRANK C., Vice President, Purdue University, Lafayette, Ind. 1921.

HOCKEY, ARTHUR A., Instructor in Mechanical Engineering, Tri-State College, Angola, Ind. 1948.

HODGE, CHARLES A., Head Instructor in Electrical Engineering. (Retired.) Yonkers Technical High School, Yonkers, N. Y. (Home: R. D. No. 2, Washington, N. J.) 1932.

HODGE, RAYMOND J., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1949.

HODGE, WILLARD W., Senior Fellow, Mellon Institute of Industrial Research, Pittsburgh 13, Pa. 1930.

HODGES, JOHN C., Professor of English, University of Tennessee, Knoxville, Tenn. 1943.

HODGINS, LAWRENCE J., Associate Professor of Electrical Engineering, University of Maryland, College Park, Md. 1939.

HODGSON, ROGER H., W. 1403 12th St., Spokane 43, Wash. 1949.

HOEFER, E. G., Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1910.

HOEHNE, WALTER H., Vice President, Utilities Engineering Institute, 2525 No. Sheffield Ave., Chicago 14, Ill. 1948.

HOELSCHER, HAROLD E., Assistant Professor of Chemical Engineering, University of Cincinnati, Cincinnati, Ohio. 1950.

HOELSCHER, RANDOLPH P., Professor of General Engineering Drawing and Head of Department, University of Illinois, Urbana, Ill. (*Member of Council, 1941–44, 1948–50.*) 1912.

HOFF, JOHN E., Professor of Civil Engineering, University of Houston, Houston, Texas. 1949.

HOFF, NICHOLAS J., Professor and Head of Aeronautical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1943.

HOFFMAN, DWIGHT S., Assistant Professor of Chemical Engineering, University of Idaho, Moscow, Idaho. 1950.

HOFFMAN, LESLIE A., Dean and Head of Mechanical Engineering Dept., Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

HOFFMAN, LYNE S. S., Associate Professor of English, Pennsylvania State College, State College, Pa. 1949.

HOFFMAN, PAUL O., Professor and Chairman, Dept. of Physics, Newark College of Engineering, Newark, N. J. 1943.

HOFMANN, WILLIAM P., Senior Soils Engineer, Bureau of Soil Mechanics, New York State Dept. of Public Works, Albany, N. Y. 1946.

HOGAN, JOSEPH C., Assistant Professor of Electrial Engineering, University of Missouri, Columbia, Mo. (On leave: Madison, Wis.) 1947.

HOGAN, RALPH M., Head, Manpower Branch, Human Resources Division, Office of Naval Research, Dept. of the Navy, Washington, D. C. 1950.

HOILMAN, CHARLES W., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1951.

HOLBROOK, ELMER A., Dean Emeritus, Schools of Engineering and Mines, University of Pittsburgh, Pittsburgh, Pa. (*Member of Council, 1936–39.*) 1927.

HOLBROOK, GORDON G., Special Lecturer, Personnel Relations, Newark College of Engineering, Newark, N. J. 1949.

HOLCOMB, CALVIN W., Assistant Professor of Mechanical Engineering, 4052 Shenandoah, St. Louis, Mo. 1947.

HOLCOMB, DYSART E., Dean of Engineering, Texas Technological College, Lubbock, Texas. 1947.

HOLCOMB, GLENN W., Professor of Structural Engineering, Oregon State College, Corvallis, Ore. 1945.

HOLCOMB, ROBERT M., Professor of Structural Engineering, A. & M. College of Texas, College Station, Texas. (On leave: 1002 Brookridge Ave., Ames, Ia.) 1938.

HOLDEN, FRANK C., Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1949.

HOLDER, WILLIS G., Instructor in Industrial Engineering, Ohio State University, Columbus 10, Ohio. 1949.

HOLDERMAN, KENNETH L., Director, Department of Engineering Extension, The Pennsylvania State College, State College, Pa. (*Member of Council, 1949–51.*) 1945.

HOLDREDGE, EDWIN S., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1951.

HOLDREDGE, ERNEST C., Assistant Professor of Mechanical Engineering, Lamar State College of Technology, Beaumont, Texas. 1943.

HOLIAN, AUSTIN J., Associate Professor of Electrical Engineering, University of Dayton, Dayton 9, Ohio. 1945.

HOLLADAY, DEE M. 1947.

HOLLAND, A. DINSMORE, Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1933.

HOLLAND, CHARLES T., Professor and Head of Mining Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

HOLLAND, LEWIS N., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

HOLLAND, UBERT C., Assistant Dean, College of Engineering, Rutgers University, New Brunswick, N. J. 1930.

HOLLAND, WAYMAN A., Lecturer in Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1950.

HOLLANDER, ALADAR, Professor Emeritus of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1950.

HOLLEY, MYLE JOSEPH, JR., Associate Professor of Structural Engineering, Massachusetts Institute of Technology, Cambridge 38, Mass.

HOLLIS, WILLIAM J., Instructor in Civil Engineering, 5068 Forbes, Pittsburgh 13, Pa. 1950.

HOLLISTER, CLAY H., Professor and Head, Engineering Administration, Case Institute of Technology, Cleveland, Ohio. 1950.

HOLLISTER, S. C., Dean, College of Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1937–40; President, 1951–52.*) 1916.

HOLLISTER, VERNON L., Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1940.

HOLLNAGEL, HERBERT P., Head of Physics Department, Franklin Technical Institute, Boston, Mass. 1950.

HOLLYDAY, JOHN M., The Glenn L. Martin Co., Baltimore 3, Md. 1949.

HOLMAN, LEON W., Instructor & Head of Architectural Department, East Los Angeles Junior College, Los Angeles, Calif. 1936

HOLMBERG, CARL H., Assistant Professor of Civil Engineering, Tufts College, Medford, Mass. 1924.

HOLME, JUSTUS M., Associate Professor of Mathematics, U. S. Naval Academy, Annapolis, Md. 1938.

HOLME, THOMAS T., Department of Industrial Administration, Yale University, New Haven, Conn. 1940.

HOLMES, ALESTER G., Professor of Mechanical Engineering, Mississippi State College, State College, Miss. 1943.

HOLMES, CLAYTON W., Chairman, Engineering Dept., Haverford College, Haverford, Pa. 1933.

HOLMES, FRED E., Assistant Professor of Mechanics and Hydraulics, The State University of Iowa, Iowa City, Iowa. 1919.

HOLMES, WILFRED J., Dean, College of Applied Science, University of Hawaii, Honolulu, T. H. 1937.

HOLOWENKO, A. R., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1943.

HOLT, ANDREW H., Head, Dept. of Civil Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1923.

HOLT, CLIFFORD B., JR., Associate Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1933.

HOLT, JAMES, Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

HOLUB, PETER F., Assistant Professor of English, Michigan College of M. & T., Houghton, Mich. 1950.

HONNELL, MARTIAL A., Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1943.

HONNELL, PIERRE M., Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1943.

HONOUR, WILFRED M., Professor of Architecture, Alabama Polytechnic Institute, Auburn, Ala. 1941.

HONSTEAD, WILLIAM H., Associate Professor of Chemical Engineering, Kansas State College, Manhattan, Kans. 1948.

HOOD, GEO. J., Professor Emeritus of Engineering Drawing, University of Kansas, Lawrence, Kans. 1914.

HOOPER, LESLIE J., Professor of Hydraulic Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1948.

HOOPER, WM. T., Partner, Staben & Hooper & Assoc., Waukegan, Ill. 1940.

HOOVER, MERLE L., Instructor in Mechanics, West Virginia University, Morgantown, W. Va. 1950.

HOOVER, WILLIAM G., Associate Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1951.

HOPE, EDWARD S., Professor of Civil Engineering, American University of Beirut, Beirut, Lebanon. 1948.

HOPE, PABLO H., Dean de la Escuela de Ingenieria, Instituto de Tecnologico de Monterrey, Monterrey, N. L., Mexico. 1950.

HOPKIN, ARTHUR M., Instructor in Electrical Engineering, Northwestern University, Evanston, Ill. 1948.

HOPPER, JOHN S., Dean, Arlington State College, Arlington, Texas. 1937.

HORAN, FRANK W., Professor of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1938.

HORBLIT, WILLIAM, Assistant, Petroleum Engineering Dept., Colorado School of Mines, Golden, Colo. 1950.

HORGAN, JAMES D., Assistant Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1950.

HORI, SHIZUO, Associate Engineer, Electrical Engineering Dept., Armour Research Foundation, Chicago 16, Ill. 1950.

HORINE, JOHN S., Professor of Engineering Drawing, University of Kentucky, Lexington, Ky. 1948.

HORN, EARL R., Lecturer, Aeronautical Engineering, Parks College of Aeronautical Technology, East St. Louis, Illinois. 1951.

HORN, HARRY W., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1938.

HORNER, H. MANSFIELD, President, United Aircraft Corp., East Hartford, Conn. 1949.

HORNICKEL, LUTE C., Supervisor, Personnel, American Steel & Wire Co., Cleveland, Ohio. 1949.

HORONJEFF, ROBERT, Lecturer and Research Engineer, University of California, Berkeley, Calif. 1950.

HORSCH, ALFRED C., Vice President, Pitman Pubishing Corp., 2 West 45th St., New York 19, N. Y. 1945.

HORSCH, M. JAMES, President, West Virginia Institute of Technology, Montgomery, W. Va. 1948.

HORTON, EARLE M., Instructor in Industrial Engineering, New York State Agricultural and Technical Institute, Canton, N. Y. 1948.

HORWOOD, EDGAR M., Instructor in Civil Engineering, University of Washington, Seattle, Wash. 1946.

HOSHALL, HARRY B., Associate Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1930.

HOSMER, W. T., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1951.

HOSSJER, K. GUSTAV N., Rektor, Professor, Chalmers University of Technology, Gotenborg, Sweden. 1947.

HOSTETTER, JACOB W., Assistant Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

HOTCHKISS, CHARLES H. B., Editor, *Heating and Ventilating*, 148 Lafayette St., New York City. 1925.

HOTCHKISS, FRED W., Secretary and Treasurer, Electric Machinery Mfg. Co., Minneapolis, Minn. 1948.

HOTCHKISS, W. O. 1926.

HOUCHENS, JOHN M., Registrar, University of Louisville, Louisville, Ky. 1930.

HOUGEN, JOEL O., Professor of Chemical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

HOUGEN, OLAF A., Professor of Chemical Engineering, University of Wisconsin, Madison 6, Wis. 1930.

HOUGHTON, ARTHUR V., Assistant Professor of Mechanical Engineering, Bradley University, Peoria, Ill. 1948.

HOUGHTON, RICHARD W., Instructor in Electronics, Wentworth Institute, Boston, Mass. 1947.

HOUGHTON, WILLARD F., Director, Administrative Division, The Atlantic Refining Company, Philadelphia, Pa. 1948.

HOUSE, HARRY E., Instructor, Fixed Wire Dept., Warren Air Force Base, Cheyenne, Wyo. 1947.

HOUSEL, WILLIAM S., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1938.

HOUSLEY, JOHN E., District Power Manager, Aluminum Company of America, Alcoa, Tenn. 1949.

HOUSTON, CARL P., Assistant Dean of College of Engineering, University of Houston, Houston, Texas. 1949.

HOUSTON, HASKELL S., Instructor in Drawing, Prairie View A. & M. College, Prairie View, Tex. 1951.

HOUSTON, LIVINGSTON W., President, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

HOUSTON, RAYMOND K., Associate Professor of Electrical Engineering, Naval School, Monterey, Calif. 1943.

HOUSTON, WILLIAM V., President, Rice Institute, Houston, Texas. 1949.

HOVDE, FREDERICK L., President, Purdue University, Lafayette, Ind. 1949.

HOVEY, B. K., Associate Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1939.

HOWARD, DARNLEY E., Professor and Head, Dept. of Mechanical Engineering, Howard University, Washington, D. C. 1928.

HOWARD, DAVID G., Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1947.

HOWARD, JOHN H., Director, Business and Technical Personnel, Eastman Kodak Co., Rochester 4, N. Y. 1947.

HOWARD, KENNETH J., College Employment Supervisor, Illinois Bell Tel. Co., 212 W. Washington St., Chicago 6, Ill. 1946.

HOWARD, RUSSELL L., Valuation Engineer, Economics Dept., Phillips Petroleum Co., Bartlesville, Okla. 1946.

HOWE, EVERETT D., Professor and Associate Dean, College of Engineering, University of California, Berkeley, Calif. (*Member of Council, 1946–47.*) 1931.

HOWE, HAROLD B., Professor and Head, Dept. of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

HOWE, JEROME W., Dean of Admissions and of Students, Worcester Polytechnic Institute, Worcester 2, Mass. 1925.

HOWE, JOSEPH W., Professor and Head, Dept. of Mechanics and Hydraulics, State University of Iowa, Iowa City, Iowa. 1934.

HOWE, ROBERT T., Instructor in Civil Engineering, University of Cincinnati, Cincinnati, Ohio. 1947.

HOWE, W. WARREN, Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1947.

HOWELL, ALMONTE C., Professor of English and Secretary of the Faculty, University of North Carolina, Chapel Hill, N. C. *Life member.* 1922.

HOWELL, ALVIN H., Chairman, Dept. of Electrical Engineering, Tufts College, Medford, Mass. 1941.

HOWELL, AVANELLE M., Engineering Librarian, Alabama Polytechnic Institute, Auburn, Ala. 1951.

HOWELL, E. J., President, Tarleton State College, Stephenville, Texas. 1937.

HOWELL, ERIC V., Associate Professor of Mechanics, Cornell University, Ithaca, N. Y. 1927.

HOWELL, GLEN H., Associate Professor of Mechanical Engineering, Wayne University, Detroit, Mich. 1949.

HOWELL, ROGER S., Professor of Mechanical Engineering, Director of Engineering Extension Division, Georgia Institute of Technology, Atlanta, Ga. 1919.

HOWES, DOUGLAS E., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1935.

HOWES, VICTOR E., Lecturer in Graphics Dept., Massachusetts Institute of Technology, Cambridge, Mass. 1944.

HOWEY, JOSEPH H., Professor and Head, Dept. of Physics, Georgia Institute of Technology, Atlanta, Ga. 1943.

HOWLAND, WARREN E., Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1926.

HOY, HOWARD H., Professor Emeritus, South Dakota State College, Brookings, S. D. 1943.

HOYE, FRANCIS W., Professor and Head, Department of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1947.

HOYT, CRAIG S., Head, Chemistry, Grove City College, Grove City, Pa. 1942.

HRACHOVSKY, FRANK M., Assistant Professor of Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1946.

HRONES, JOHN A., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1945.

HUBBARD, E. CLYDE, Instructor in Aeronautical Engineering. 1951.

HUBBARD, NOEL, Registrar, Missouri School of Mines, Rolla, Mo. 1945.

HUBBARD, ROBERT M., Professor of Chemical Engineering, University of Virginia, University, Va. 1946.

HUBBARD, THOMAS F., Professor of Civil Engineering, Johns Hopkins University, Baltimore, Md. 1947.

HUBBELL, WILLARD, Chairman and Associate Professor, Engineering Drawing Dept., University of Miami, Coral Gables, Fla. 1947.

HUBER, D. GRANT, Lecturer in Mechanical Engineering, University of Toronto, Toronto, Ontario, Canada. 1948.

HUBLER, JOHN W., Professor and Head, Department of Civil Engineering, Washington University, St. Louis 5, Mo. 1939.

HUCKABA, CHARLES E., Instructor in Chemical Engineering, University of Cincinnati, Cincinnati, Ohio. 1948.

HUCKERT, JESSE, Professor of Machine Design, The Ohio State University, Columbus 10, Ohio. 1938.

HUDELSON, GEORGE D., Assistant Professor of Mechanical Engineering, Ohio State University, Columbus, Ohio. 1951.

HUDSON, DONALD E., Associate Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1946.

HUDSON, PAUL K., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1942.

HUDSON, WELLBORN R., Assistant to Dean of Engineering, University of Texas, Austin, Texas. 1948.

HUFF, WILBERT J., Professor and Chairman of Chemical Engineering, University of Maryland, College Park, Md. 1951.

HUFFMAN, JOHN R., Associate Professor of Industrial Engineering, University of Southern California, Los Angeles, Calif. 1951.

HUGHES, ARTHUR D., Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1948.

HUGHES, CHARLES S., Assistant Professor of Aeronautical Engineering, University of Tulsa, Tulsa, Okla. 1948.

HUGHES, DAVIS G., Assistant Professor of Drawing and Design, Clemson College, Clemson, S. C. 1948.

HUGHES, FORREST R., Assistant Dean, School of Engineering, Yale University, New Haven, Conn. 1935.

HUGHES, GEORGE G., Dean, College of Engineering, Southwestern Louisiana Institute, Lafayette, La. 1924.

HUGHES, MARION, Associate Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1949.

HUGHES, MARTIN C., Professor and Head, Dept. of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1932.

HULL, ROBERT H., Associate Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1929.

HULL, WILLIAM L., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1940.

HULSBOS, C. L., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1951.

HUME, WILLIAM, Assistant Director, Research and Development Division, University of New Mexico, Albuquerque, N. M. 1936.

HUMMEL, JESSE G., Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1940.

HUMMEL, JOSEPH O. P., Associate Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1933.

HUMMEL, ROLAND L., Assistant Professor of Architecture, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

HUMMER, JOHN L., Assistant Professor of Electrical Engineering, University of Rhode Island, Kingston, R. I. (On Leave: P. O. Box 264, Palo Alto, Calif.) 1947.

HUMPHREY, JAMES E., Associate Professor of English and Speech, Iowa State College, Ames, Iowa. 1948.

HUMPHRIES, JOHN C., Head, Dept. of Mechanical Engineering, Tri-State College, Angola, Ind. 1948.

HUMPHRIES, POWELL H., Instructor in Electrical Engineering, Franklin Technical Institute, Boston, Mass. 1945.

HUNDLEY, ROBERT E., Professor of Mechanics, University of Cincinnati, Cincinnati, Ohio. 1943.

HUNSAKER, JEROME C., Professor of Aeronautical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

HUNT, DEWITT, Professor and Head, Department of Industrial Arts Education and Engineering Shopwork, Oklahoma A. & M. College, Stillwater, Okla. 1931.

HUNT, DONALD C., Director of Coordination and Placement, University of Detroit, Detroit, Mich. (*Member of Council, 1951–53.*) 1944.

HUNT, EUGENE B., Assistant Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1948.

HUNT, GRACE O., Head, Food Service Administration and Dental Hygiene Depts., New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1948.

HUNT, GUY H., Assistant Professor of Applied Mathematics, Emeritus, University of California at Los Angeles, Calif. *Life member.* 1923.

HUNT, LOUIS W., Educationist, U. S. Office of Education, Washington, D. C. 1930.

HUNT, ORVILLE D., Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1927.

HUNT, ROY E., Technical Recruiting Division, General Electric Company, Schenectady, N. Y. 1951.

HUNTER, KENNETH, Instructor in Engineering Extension, Pennsylvania State College, State College, Pa. 1951.

HUNTER, MATTHEW A., Dean Emeritus of Faculty, Rensselaer Polytechnic Institute, Troy, N. Y. 1938.

HUNTER, THOMAS A., Instructor in Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1950.

HUNTINGTON, RICHARD L., Director, School of Chemical Engineering, University of Oklahoma, Norman, Okla. 1946.

HUNTINGTON, W. C., Professor and Head, Dept. of Civil Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1929–32.*) 1914.

HUNTZICKER, HARRY N., Director of Research and Dev., United States Gypsum Co., Chicago, Ill. 1949.

HURLBUT, LLOYD W., Professor of Agricultural Engineering, University of Nebraska, Lincoln, Nebr. 1949.

HURLEY, RICHARD B., Development Engineer Physical Measurements Dept., Aerojet Engineering Corp., Azusa, Calif. 1949.

HURSH, RALPH K., Professor of Ceramic Engineering, University of Illinois, Urbana, Ill. 1943.

HURST, JOHN W., Professor and Head, Dept. of Mathematics, Montana State College, Bozeman, Mont. 1946.

HUSS, PAUL O., Associate Professor of Electrical Engineering, University of Akron, Akron, Ohio. 1949.

HUSSEY, ROBERT A., Professor of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1937.

HUSTRULID, ANDREW, Professor of Agricultural Engineering, University Farm, University of Minnesota, St. Paul 1, Minn. 1947.

HUTCHINS, JACQUE L., College Service, Educational Department, Westinghouse Educational Center, East Pittsburgh, Pa. 1950.

HUTCHINS, ROLAND E., Professor of Sanitary Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1936.

HUTCHINSON, CHARLES A., Professor and Head, Dept. of Applied Mathematics, College of Engineering, University of Colorado, Boulder, Colo. 1923.

HUTCHISON, ALBERT W., JR., Partner, Brush, Hutchison & Gwinn, Engineers, Nashville 3, Tenn. 1934.

HUTCHISSON, ELMER, Dean and Acting President, Case Institute of Technology, Cleveland 6, Ohio. (*Member of Council, 1951–53.*) 1944.

HUTTO, GUS J., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1948.

HUYDTS, L. H. M., Professor, Technische Hogeschool, Kanalwee 26, Delft, Holland. 1947.

HUZARSKI, RICHARD G., Assistant Professor of Architectural Engineering, University of New Mexico, Albuquerque, N. M. 1948.

HYDE, WILLIAM H., Librarian and Professor of Library Science, Illinois Institute of Technology, Chicago 16, Ill. 1942.

HYLAND, PATRICK H., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1943.

IBATA, RALPH M., Assistant Professor of Electrical Engineering, University of Nebraska, Lincoln, Neb. 1951.

IBELE, WARREN E., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

IMHOFF, JOHN L., Associate Professor and Head, Dept. of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1950.

INGALLS, EGBERT C., Associate Professor of Civil Engineering, Columbia University, New York, N. Y. 1948.

INGRAM, WILLIAM T., Associate Professor of Public Health Engineering, New York University, New York, N. Y. 1948.

INIGO, MARIA A. LOPEZ, Instructor in Chemistry. 1948.

INVEISS, JANIS H., Assistant Professor of Mechanics, Milwaukee School of Engineering, Milwaukee, Wis. 1951.

IP, CHING-U, Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

IPPEN, ARTHUR T., Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

IRESON, WILLIAM G., Acting Professor of Industrial Engineering, Stanford University, Stanford, Calif. 1941.

IRISH, SUMNER B., Assistant Professor of Civil Engineering, Princeton University, Princeton, N. J. 1947.

IRLAND, GEORGE A., Professor and Chairman of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1927.

IRWIN, DONALD E., Personnel Supervisor, Knolls Atomic Laboratory, General Electric Co., Schenectady, N. Y. 1947.

IRWIN, HARRY H., Professor of Mathematics, Washington State College, Pullman, Wash. 1951.

IRWIN, ROBERT R., Associate Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1945.

IRWIN, VERYL W., Instructor in Mechanical Engineering, General Motors Institute, Flint, Mich. 1950.

ISBIN, HERBERT S., Assistant Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1951.

ISENBERG, MELVIN W., Assistant Professor of Architecture, Pennsylvania State College, State College, Pa. 1949.

ISHMAN, WILLIAM M., Instructor in Mechanical Engineering, University of Miami, Coral Gables, Fla. 1951.

ISRAELSEN, ORSON W., Professor of Irrigation and Drainage, Utah State Agricultural College, Logan, Utah. 1950.

IVERSEN, HAROLD W., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1943.

JABLONSKI, GEORGE G., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1950.

JACKSON, DUGALD C., JR., Chief of Scientific Training, Ballistic Research Labs., Aberdeen Proving Ground, Aberdeen, Md. 1922.

JACKSON, HARRY J., Instructor in Mechanical Engineering, Oregon State College, Corvallis, Ore. 1951.

JACKSON, JOHN W., Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1943.

JACKSON, LYMAN E., Dean, School of Agriculture, Pennsylvania State College, State College, Pa. 1950.

JACKSON, MELBOURNE L., Chemical Engineer, Solid Propellants, Naval Ordnance Test Station, China Lake, Calif. 1945.

JACKSON, MELVIN W., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1949.

JACKSON, NORMAN E., Sanitary Engineer, Washington Aqueduct, Corps of Engineers, Washington, D. C. 1944.

JACKSON, THOMAS E., Associate Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1950.

JACKSON, WILLIS, Instructor in Mechanic Arts and Resident Engineer, Lincoln University, Jefferson City, Mo. 1943.

JACOBS, EDWARD B., Assistant Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1947.

JACOBS, ROBERT M., Instructor in Mechanical Engineering, 1925 Bergen St., Brooklyn 33, N. Y. 1948.

JACOBS, ROY KENNETH, 866 Cherry St., N.W., Atlanta, Ga. 1943.

JACOBS, SIDNEY N., President, Electronic Radio-Television Institute, Inc., 2055 Harney St., Omaha, Nebr. 1944.

JACOBSEN, LYDIK S., Professor and Head, Dept. of Mechanical Engineering, Stanford University, Stanford, Calif. 1946.

JACOBSON, GEORGE L., Assistant Professor of Sanitary Engineering, South Dakota School of M. & T., Rapid City, S. D. 1946.

JACOBUS, D. S., Retired, 93 Harrison Avenue, Montclair, N. J. *Life member.* 1893.

JACUNSKI, E. W., Assistant Professor of Mechanical Engineering, U. S. Military Academy, West Point, N. Y. 1948.

JAFFE, WILLIAM J., Associate Professor of Industrial Engineering, Newark College of Engineering, Newark, N. J. 1947.

JAHREN, CHARLES E., Instructor in Science, Austin Junior College, Austin, Minn. 1950.

JAKKULA, A. A., Executive Director, Texas A. & M. Research Foundation, College Station, Texas. 1938.

JAKOB, MAX, Research Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

JAKOWATZ, CHARLES V., Instructor in Electrical Engineering, University of Illinois, Urbana, Ill. 1948.

JAMES, RICHARD E., Assistant Professor of Mechanical Engineering, New Mexico College of A. & M., State College, N. M. 1951.

JAMES, RICHARD V., Professor and Chairman, Dept. of Mechanics, University of Oklahoma, Norman, Okla. (*Member of Council, 1947–49.*) 1937.

JAMES, ROY A., Associate Professor of Economics, Georgia Institute of Technology, Atlanta, Ga. 1948.

JAMEYSON, BRUCE, Professor of Civil Engineering, University of California, Berkeley, Calif. 1943.

JAMIESON, ROBERT E., William Scott Professor and Chairman, Dept. of Civil Engineering, McGill University, Montreal, Canada. 1929.

JAMISON, JOHN S., JR., Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1946.

JAMISON, ROBERT M., Professor of Mechanical Engineering, Wayne University, Detroit, Mich. 1945.

JANES, CLINTON W., Lt. Col., Signal Corps, U. S. Army, London W. 1, England. 1938.

JANES, ROBERT L., Acting Director, Dept. of Mechanics Instruction, Illinois Institute of Technology, Chicago, Ill. 1948.

JANISZ, TADEUSZ, Instructor in Electrical Engineering, University of Detroit, Detroit, Mich. 1949.

JANKE, ROBERT A., Instructor in Physics, Michigan College of M. & T., Houghton, Mich. 1946.

JANSEN, DONALD E., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

JANSSEN, ALLEN S., Dean, College of Engineering, and Director, Engineering Experiment Station, University of Idaho, Moscow, Idaho. 1931.

JARAND, LEON N., Professor and Head, Electrical Engineering Dept., Chicago Technical College, Chicago, Ill. 1950.

JARVI, ALBERT O., c/o Trygve Hoff & Associates, 4500 Euclid, Cleveland 3, O. 1946.

JARVI, RAY V., Assistant Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1948.

JARVIE, LAWRENCE L., Executive Dean, State University of New York, Albany 1, N. Y. 1948.

JATRAS, STEPHEN J., Instructor in Electrical Engineering, University of Massachusetts, Amherst, Mass. 1948.

JAY, DAVID J., Process Engineer, Stacey Bros. Gas Constr. Co., Cincinnati, Ohio. 1951.

JEFFREY, JOSEPH O., Professor of Engineering Materials, Cornell University, Ithaca, N. Y. 1946.

JEFFRIES, ROBERT J., Associate Professor of Electrical Engineering, Michigan State College, East Lansing, Mich. 1947.

JEMISON, WILLIAM F., Assistant Professor of Air Science, University of Illinois, Urbana, Ill. 1948.

JENKIN, WENDELL R., Industrial Coordinator, Rockford College, Rockford, Ill. 1948.

JENKINS, DONALD R., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1950.

JENKINS, HERBERT T., Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1946.

JENKINS, HOWARD M., Chairman Emeritus, School of Engineering, Swarthmore College, Swarthmore, Pa. 1931.

JENKINS, JOBE, Electric Research Engineer, Glenn L. Martin Co., 1222 Fuselage Ave., Baltimore 20, Md. 1943.

JENKS, JOHN F., Assistant Professor, Technical Extension Division, Purdue University, Indianapolis, Ind. 1951.

JENNESS, LYLE C., Head, Dept. of Chemical Engineering, University of Maine, Orono, Maine. 1948.

JENNESS, ROGER R., Assistant Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1945.

JENNINGS, BURGESS H., Professor and Chairman, Dept. of Mechanical Engineering, Northwestern University, Evanston, Ill. 1933.

JENNINGS, ROY T., Associate Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1949.

JENNINGS, THOMAS S., Instructor in Engineering Drawing, University of South Carolina, Columbia, S. C. 1948.

JENSEN, ALFRED, Associate Professor of Architecture, University of Washington, Seattle, Wash. 1932.

JENSEN, CYRIL D., Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1948.

JENTOFT, ARTHUR P., Graduate Assistant, Civil Engineering and Mechanics, Lehigh University, Bethlehem, Pa. 1951.

JERABEK, HENRY S., Associate Professor of Metallography, University of Minnesota, Minneapolis 14, Minn. 1946.

JERGER, EDWARD W., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1949.

JESKE, ROBERT L., Assistant Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1948.

JESSUP, WALTER E., Editor, American Society of Civil Engineers, 33 W. 39th, New York, N. Y. 1937.

JETT, DANIEL B., Professor of Civil Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1944.

JEVARJIAN, ANTHONY, Coordinator, Cooperative Education, University of Bridgeport, Bridgeport, Conn. 1949.

JEWETT, ROBERT A., Design Engineer, Engineering and Construction, Koppers Co., Pittsburgh 19, Pa. 1949.

JODREY, ROBERT M., Instructor in Mechanical Engineering, University of New Hampshire, Durham, N. H. 1951.

JOERGER, C. ALBERT, Dean, College of Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1929.

JOERGER, JEROME C., Research Engineer, North American Aviation, Downey, Calif. 1950.

JOFFE, JOSEPH, Professor of Chemical Engineering, Newark College of Engineering, Newark 2, N. J. 1937.

JOHANSEN, HAROLD C., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1948.

JOHNS, WILLIAM B., JR., Professor and Head, Dept. of Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1935.

JOHNSON, A. MORGAN, Associate Professor of Civil Engineering, Wayne University, Detroit, Mich. 1943.

JOHNSON, A. PEMBERTON, Project Director, Measurement and Guidance, Educational Testing Service, Princeton, N. J. 1941.

JOHNSON, ALBERT M., Assistant Professor of Physics, Evansville College, Evansville, Ind. 1950.

JOHNSON, ALBERT R., Professor Emeritus of Structural Design, Rutgers University, New Brunswick, N. J. *Life Member.* 1909.

JOHNSON, ARTHUR E., Assistant Professor of Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

JOHNSON, C. DAVID, Associate Professor of Physics, Northeastern University, Boston, Mass. 1940.

JOHNSON, CARL G., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1943.

JOHNSON, CHARLES A., Assistant Professor of Mathematics, Missouri School of Mines, Rolla, Mo. 1951.

JOHNSON, CLARENCE C., Assistant Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1926.

JOHNSON, DAVID E., Instructor in Civil Engineering, 53 Alpine St., Cambridge, Mass. 1950.

JOHNSON, DAVID L., Assistant Professor of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1948.

JOHNSON, EDGAR B. 1949.

JOHNSON, E. FREDERICK, Representative, Publishing Dept., International Textbook Co., West Springfield, Mass. 1949.

JOHNSON, ELMER W., Assistant Dean and Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1926.

JOHNSON, EMORY E., Professor and Head, Dept. of Civil Engineering, South Dakota State College, Brookings, S. D. 1943.

JOHNSON, ERNEST E., General Manager, General Engineering Laboratory, General Electric Company, Schenectady, N. Y. 1948.

JOHNSON, ERNEST F., JR., Assistant Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1949.

JOHNSON, F. ELLIS, *Retired*, Route 5, Box 437, Salem, Ore. (*Member of Council, 1932-35.*) *Life member.* 1916.

JOHNSON, GEORGE C. K., Professor and Head, Dept. of Industrial Engineering, University of Alabama, University, Ala. 1943.

JOHNSON, GEORGE W., Assistant Professor of English, Colorado School of Mines, Golden, Colo. 1948.

JOHNSON, HAROLD A., 380 Vassar Ave., Berkeley 8, Calif. 1945.

JOHNSON, HARRY W., Assistant Professor of Aeronautical Engineering, 16902 Delaware Ave., Lakewood, Ohio. 1951.

JOHNSON, HERMAN J., Instructor in Physics, University of Illinois, Navy Pier, Chicago, Ill. 1947.

JOHNSON, HOMER F., JR., Associate Professor of Chemical Engineering, University of Tennessee, Knoxville, Tenn. 1949.

JOHNSON, J. ARTHUR, Employment Manager, Minneapolis-Honeywell Mfg. Co., Minneapolis, Minn. 1948.

JOHNSON, JAMES H., JR., Instructor in Engineering Mechanics. 1947.

JOHNSON, J. HUGO, Professor and Head, Department of Electrical Engineering, University of Idaho, Moscow, Idaho. 1926.

JOHNSON, J. MALCOLM, Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

JOHNSON, J. STUART, Assistant Dean, Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1947.

JOHNSON, JEROME H., Assistant Professor of Electrical Engineering, Washington State College, Pullman, Wash. 1946.

JOHNSON, KATHRINE E., Engineering Librarian, 50 Los Trancos Woods, Redwood City, Calif. 1948.

JOHNSON, LAWRENCE V., Director, Southern Technical Institute, Chamblee, Ga. 1943.

JOHNSON, LEE H., Dean, College of Engineering, Tulane University, New Orleans 18, La. 1937.

JOHNSON, LEWIS O., Associate Professor of Engineering Drawing, New York University, New York City. 1939.

JOHNSON, MALCOLM, Executive Vice President, D. Van Nostrand Co., 250 Fourth Ave., New York City. 1945.

JOHNSON, MAURICE F., Associate Professor of Mathematics, Whitman College, Walla Walla, Wash. 1936.

JOHNSON, MILTON R., Assistant Professor of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

JOHNSON, RICHARD P., Associate Professor of Mathematics, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

JOHNSON, ROBERT R., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1946.

JOHNSON, ROYCE E., Manager, General Engineering Laboratory, Barber-Colman Co., Rockford, Ill. 1943.

JOHNSON, STANLEY S., Instructor in Civil Engineering, University of North Dakota, Grand Forks, N. D. 1947.

JOHNSON, WALTER A., Director, Machine Design Dept., Onondoga Pottery Co., 211 Juneway Rd., Syracuse, N. Y. 1941.

JOHNSON, WALTER C., Chairman, Department of Electrical Engineering, Princeton University, Princeton, N. J. 1943.

JOHNSON, WALTER L., Teacher of Engineering and Technology, Pasadena City College, Pasadena, Calif. 1946.

JOHNSON, WILFRID E., Division Manager, Nucleonics Dept., General Electric Co., P. O. Box 100, Bldg. 760, Richland, Wash. 1946.

JOHNSRUD, OLIVER N., Instructor in Ad. Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

JOHNSTON, E. RUSSELL, Assistant Professor of Civil Engineering and Mechanics, Lehigh University, Bethlehem, Pa. 1951.

JOHNSTON, ERNEST R., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1948.

JOHNSTON, PAUL K., Head, Industrial Engineering, Ohio Mechanics Institute, Cincinnati, Ohio. 1948.

JOHNSTON, ROBERT C., Instructor in Chemical Engineering, Ohio State University, Columbus, Ohio. 1949.

JOHNSTONE, B. KENNETH, Director, College of Fine Arts, Carnegie Institute of Technology, Pittsburgh, Pa. 1938.

JOHNSTONE, HENRY F., Professor of Chemical Engineering, University of Illinois, Urbana, Ill. 1946.

JONES, ARNOLD P., Professor of Mathematics, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

JONES, BERNARD A., Operations Manager, Information Division, Research Laboratories, Ethyl Corp., Detroit, Mich. 1949.

JONES, BRADLEY, Professor of Aeronautical Engineering, University of Cincinnati, Cincinnati, Ohio. 1943.

JONES, CHARLES B., Assistant Professor of Shop Practice, Pratt Institute, Brooklyn, N. Y. 1928.

JONES, CHARLES S., President, Academy of Aeronautics, LaGuardia Airport Station, New York, N. Y. 1949.

JONES, CLARENCE R., JR. 1947.

JONES, DANIEL W. B., Instructor in Civil and Architectural Engineering, University of Colorado, Boulder, Colo. 1951.

JONES, EDWARD N., Vice President, Texas Technological College, Lubbock, Texas. 1942.

JONES, EDWIN C., Professor and Head, Dept. of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1942.

JONES, FRED R., Professor and Head, Dept. of Agricultural Engineering, A. & M. College of Texas, College Station, Texas. 1944.

JONES, HARRIS, Brig. Gen., Dean, U. S. Military Academy, West Point, N. Y. 1950.

JONES, HOWARD W. 1947.

JONES, JAMES B., Professor and Head, Dept. of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927.

JONES, JAMES B., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. (On leave: General Electric Co., Schenectady, N. Y.) 1948.

JONES, JAMES O., Head, Engineering and Mathematics, University of Tennessee Junior College, Martin, Tenn. 1949.

JONES, JOHN HUGH, Assistant Professor in Civil Engineering, University of California, Berkeley, Calif. 1950.

JONES, LAWRENCE D., Professor of Engineering Drawing and Secretary, College of Engineering, Ohio State University, Columbus, Ohio. (*Member of Council, 1951–53.*) 1939.

JONES, MACK M., Professor and Head, Dept. of Agricultural Engineering, University of Missouri, Columbia, Mo. 1949.

JONES, MERTON W., Assistant Professor of Physics, Adams State College, Alamosa, Colo. 1932.

JONES, MORRIS W., Assistant Professor of Electrical Engineering, Clemson College, Clemson, S. C. 1948.

JONES, PAUL G., Associate Professor of T. & A. Mechanics, University of Illinois, Urbana, Ill. 1947.

JONES, PAUL R., Associate Professor of Ceramic Engineering, West Virginia University, Morgantown, W. Va. 1948.

JONES, RALPH W., Associate Professor of Mechanics, University of Delaware, Newark, Del. 1943.

JONES, RAYMOND M., Instructor in Civil Engineering, Howard University, Washington, D. C. 1948.

JONES, RICHARD W., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1941.

JONES, ROBERT S., Associate Professor of Mechanical Engineering, Wayne University, Detroit, Mich. 1950.

JONES, ROY W., Head of Engineering Dept., Ventura Junior College, Ventura, Calif. 1947.

JONES, THOMAS F., JR., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1951.

JONES, THOMAS R., Chief Librarian, Engineering School, Fort Belvoir, Va. 1951.

JONES, W. PAUL, Professor of English and Speech, Iowa State College, Ames, Iowa. 1943.

JONES, WALTER R., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1950.

JONES, WEBSTER N., Director, College of Engineering and Science, Carnegie Institute of Technology, Pittsburgh, Pa. 1933.

JONES, WILLIAM H. 1935.

JONES, WILLIAM P., Supervisor, Education and Training, U. S. Steel Co., Pittsburgh, Pa. 1949.

JONES, WILLIAM R. 1948.

JOPPA, ROBERT G., Instructor in Aeronautical Engineering, University of Washington, Seattle, Wash. 1949.

JORDAN, F. E., Instructor in Civil Engineering, The Rice Institute, Houston, Texas. 1949.

JORDAN, H. G., Professor and Head, Dept. of Electrical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1926.

JORDAN, HARVEY H., Professor and Head, General Engineering Drawing Department, and Associate Dean, College of Engineering, University of Illinois, Urbana, Ill. (*Vice President, 1931–32; Member of Council, 1924–27.*) 1915.

JORDAN, RICHARD C., Professor and Head, Dept. of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1945.

JORDAN, WILLIAM, Associate Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1940.

JORDAN, WILLIAM D., Assistant Professor of Engineering Mechanics, University of Alabama, University, Ala. 1949.

JORGENSEN, ALBERT, Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1926.

JOSEPH, THOMAS L., Assistant Dean and Professor of Metallurgy, University of Minnesota, Minneapolis 14, Minn. (*Member of Council, 1950–52.*) 1944.

JUMIKIS, ALFREDS R., Assistant Professor of Civil Engineering, University of Delaware, Newark, Del. 1949.

JURAN, JOSEPH M., Consulting Management Engineer, Tuckahoe 7, N. Y. 1945.

JURGENS, OTTO, Corps of Engineers, Omaha District, Omaha, Nebr. 1951.

JURY, STANLEY H., Associate Professor of Chemical Engineering, University of Tennessee, Knoxville, Tenn. 1949.

JUSTICE, HOWARD K., Assistant Dean, Director of Admissions, Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1947–51.*) 1944.

KADALA, ROBERT J., 1628 Otis St., N. E., Washington 18, D. C. 1950.

KADALA, STANLEY G., JR., Assistant Professor of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. (170 O'Neill St., Hato Rey, P. R.) 1949.

KAHLERT, CHARLES G., Instructor in Physical Science and Mechanic Arts, Compton College, Compton, Calif. 1948.

KALLSEN, HENRY A., Instructor in Civil Engineering, University of Wisconsin, Madison, Wis. 1950.

KAMM, ALBERT J., Assistant Professor of Drawing, Mechanics, and Design, University of Buffalo, Buffalo, N. Y. 1947.

KAMMERMAN, JOHN O., Professor and Head, Dept. of Electrical Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

KAMMERMEYER, KARL, Professor and Head, Division of Chemical Engineering, State University of Iowa, Iowa City, Iowa. 1949.

KAMPMEIER, ROLAND A., Assistant Manager, Power Dept., T. V. A., Chattanooga, Tenn. 1939.

KANE, ENEAS D., Associate Professor of Engineering, University of California, Berkeley, Calif. 1951.

KAPLAN, BERNARD, Instructor in Civil Engineering, City College of New York, New York, N. Y. 1951.

KAPP, CECIL A., Director, Cooperative Education, Drexel Institute of Technology, Philadelphia, Pa. 1929.

KARAKASH, JOHN J., Associate Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1951.

KARRER, EMMETT H., Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1947.

KARSTEN, ANDREW, Professor and Head, Dept. of Chemical Engineering, South Dakota School of Mines, Rapid City, S. D. 1948.

KATTWINKEL, O. FRANK, Captain, USAF; Assistant Professor, Dept. of Air Science, R.O.T.C., New York University, New York, N. Y. 1949.

KATZ, DONALD L., Professor and Head, Dept. of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1944.

KATZ, HYMAN H., Director, Allied Institute of Technology, Chicago, Ill. 1948.

KATZ, ISRAEL, Associate Professor of Heat Power, Cornell University, Ithaca, N. Y. 1946.

KAUFMAN, MURRAY, Assistant, Engineering Dept., University of California, Los Angeles, Calif. 1950.

KAUFMANN, FRED H., Professor of Economics, Milwaukee School of Engineering, Milwaukee, Wis. 1951.

KAUPPINEN, TENHO S., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1940.

KAUZLARICH, JAMES, Assistant, Graphics Dept., Columbia University, New York, N. Y. 1951.

KAVANAGH, THOMAS C., Professor of Civil Engineering, Pennsylvania State College, State College, Pa. 1947.

KAVANAUGH, DENNIS, Professor of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1925.

KAY, WESLEY K., Assistant Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1950.

KAYAN, CARL F., Professor and Executive Officer, Dept. of Mechanical Engineering, Columbia University, New York City. 1935.

KAYE, JOHN, Assistant Professor of Mechanical Engineering, George Washington University, Washington 6, D. C. 1951.

KAYE, JOSEPH, Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

KEABLES, NELSON C., Assistant Professor of English, Newark College of Engineering, Newark, N. J. 1949.

KEACHIE, EDWARD C., Associate Professor of Mechanical (Industrial) Engineering, University of California, Berkeley, Calif. 1950.

KEARNS, CLYDE H., JR., Instructor in Engineering Drawing, Ohio State University, Columbus, Ohio. 1950.

KEATING, ARTHUR E., President, The Bridgeport Engineering Institute, Bridgeport, Conn. 1948.

KEATOR, FREDERIC W., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1929.

KECECIOGLU, DIMITRI B., Instructor and Graduate Research, General Engineering Dept., Purdue University, Lafayette, Ind. 1951.

KECK, WENDELL M., Associate Professor of English, Utah State Agricultural College, Logan, Utah. 1951.

KEE, WALTER A., Librarian, Explosives Dept., Atomic Energy Division, E. I. du Pont de Nemours & Co., Wilmington 98, Del. 1950.

KEEFFE, GEORGE C., Professor of Chemical Engineering, Newark College of Engineering, Newark, N, J. 1943.

KEEHNER, JOHN B., Instructor in Physics, Science Dept., General Motors Institute, Flint, Mich. 1951.

KEELER, HUGH E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1926.

KEENAN, JOSEPH H., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1938.

KEENE, ARCHIE T., President, Indiana Technical College, Ft. Wayne, Ind. 1943.

KEENER, CHARLES A., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1944.

KEETON, JOHN R., Lab. Asst., Civil Engineering Dept., University of Southern California, Los Angeles, Calif. 1950.

KEEVIL, CHARLES S., Personnel Director, Arthur D. Little, Inc., Cambridge, Mass. 1951.

KEGERREIS, ROY, Physician, 145 W. North Ave., Elmhurst, Ill. *Life member.* 1913.

KEHR, RAYMOND W., Engineering Examiner, U. S. Civil Service Commission, Washington, D. C. 1949.

KEISTER, PAUL H., Assoc. Professor of Mechanics, USAF Institute of Technology, Wright Field, Dayton, Ohio. 1946.

KEITH, WARREN G., Associate Professor of Civil Engineering, University of Alabama, University, Ala. 1943.

KEITH, WAYNE E., General Employment and Training Supervisor, New England Tel. & Tel. Co., 185 Franklin St., Boston 7, Mass. 1939.

KELLER, ADRIAN D., Lecturer in Engineering, University of California at Los Angeles, Calif. 1946.

KELLER, ARTHUR R., 2456 Oahu Ave., Honolulu 14, T. H. *Life member.* 1910.

KELLER, DUANE R., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1949.

KELLER, RAYMOND F., Head of Chemical Technology, New York Institute of Applied Arts and Sciences, Brooklyn, N. Y. 1948.

KELLEY, H. HAROLD, Assistant Professor of English, University of Colorado. Boulder, Colo. 1947.

KELLS, LYMAN M., Professor of Mathematics, U. S. Naval Academy, Annapolis, Md. 1942.

KELLY, FRANCIS J., Instructor in Electrical Engineering, Ohio Northern University, Ada, Ohio. 1949.

KELLY, JOE W., Professor of Civil Engineering, University of California, Berkeley 4, Calif. 1940.

KELLEY, MERLE J., Assistant Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1951.

KELLY, SIDNEY J. 1945.

KELLY, THOMAS A., Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1947.

KELSEY, ELIZABETH L., Consultant-Lecturer in Radio, Television, John B. Stetson University, Box 255 DeLand, Fla. 1950.

KELSEY, JAMES R., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

KEMLER, EMORY N., Professor, Mechanical Engineering Dept., University of Minnesota, Minneapolis, Minn. 1929.

KEMP, A. B., Instructor in Welding, Utah State Agricultural College, Logan, Utah. 1950.

KEMPKA, GILBERT E., Instructor in Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1951.

KENERSON, W. H., Professor of Mechanical Engineering, Emeritus, Brown University, Providence, R. I. (*Member of Council, 1924–27.*) *Life member.* 1903.

KENNEDY, ROBERT E., Instructor in Mechanical Engineering, Navy Pier Branch, University of Illinois, Chicago, Ill. 1941.

KENNEDY, WILLIAM N., Associate Engineer, Institute of Transportation, University of California, Berkeley, Calif. 1950.

KENT, CLARENCE H., Professor of Mechanical Engineering, College of the City of New York, New York 31, N. Y. 1939.

KENT, GEORGE J., Adjunct Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1951.

KENT, JACK T., Assistant Professor of Mathematics, Texas A. & M. College, College Station, Texas. (On leave: Yerkes Observatory, Williams Bay, Wis.) 1948.

KENYON, CHARLES D., Professor of Physics, Tri-State College, Angola, Ind. 1950.

KENYON, VAN L., JR., Assistant Professor of Mechanical Engineering, Duke University, Durham, N. C. 1943.

KEOSAIAN, EDWARD, Assistant Professor of Civil Engineering, City College of New York, New York, N. Y. 1951.

KEPLER, HAROLD B., Instructor in Engineering Drawing, USAF Institute of Technology, Dayton, Ohio. 1948.

KEPNER, HAROLD R., Professor of Civil Engineering, Utah State Agricultural College, Logan, Utah. 1930.

KEPNER, ROBERT A., Assistant Professor of Agricultural Engineering, University of California, Davis, Calif. 1951.

KERCHNER, RUSSELL M., Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1923.

KEREKES, FRANK, Assistant Dean, Professor of Structural Engineering, Iowa State College, Ames, Iowa. 1927.

KERKER, MILTON, Assistant Professor of Chemistry, Clarkson College of Technology, Potsdam, N. Y. 1951.

KERLEY, JAMES J., Assistant Professor of Civil Engineering, George Washington University, Washington, D. C. 1948.

KERR, ALFRED A., Associate Professor of Engineering, Lafayette College, Easton, Pa. 1949.

KERR, ALBERT S., 57 Cleremont Ave., New Brunswick, N. J. 1948.

KERR, RICHARD H., Assistant Professor of Mathematics, Missouri School of Mines, Rolla, Mo. 1946.

KERSTEN, MILES S., Associate Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1947.

KERTIS, ALEX J., Personnel Director, Mallory and Co., Inc., Indianapolis, Ind. 1949.

KESSLER, CHARLES J., Works Manager, Angle Products Co., Cleveland, Ohio. 1947.

KESSLER, LEWIS H., Professor of Sanitary Engineering, Northwestern University, Evanston, Ill. 1946.

KESSLER, RAYMOND A., JR., Instructor in Civil Engineering, The Citadel, Charleston, S. C. 1948.

KETCHAM, BRUCE V., Assistant Professor of Aeronautical Engineering, University of Oklahoma, Norman, Okla. 1947.

KETCHUM, MILO S., JR., Consulting Engineer, 1424 So. Garfield St., Denver, Colo. 1938.

KEUFFEL, AUGUST, Worthington Pump and Machinery Corp., Harrison, N. J. 1950.

KEY, JOHN C., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1943.

KEYSER, CARL A., Associate Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1950.

KEZIOS, STOTHE P., Associate Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

KICHLINE, WILLIAM L., Associate Professor of Mathematics, University of New Hampshire, Durham, N. H. 1949.

KIEFER, PAUL J., Senior Professor and Chairman Department of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1917.

KIEHL, ROBERT E., Assistant Professor of Management and Personnel, Newark College of Engineering, Newark, N. J. 1947.

KIELY, THOMAS M., Instructor in Shop and Manufacturing. 1947.

KIERNAN, CHARLES J., Assistant Professor of Administration, Newark College of Engineering, Newark, N. J. 1931.

KIKER, JOHN E., JR., Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1949.

KILCAWLEY, EDWARD J., Professor of Soil Mechanics and Sanitary Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1940.

KILEY, MARK M., Structural Engineer, Jackson & Moreland Engineers, Boston, Mass. (Home: 33 Aldrick Road, Apt. 3, Quincy, Mass.) 1950.

KILLIAN, J. R., JR., President, Massachusetts Institute of Technology, Cambridge, Mass. (*Vice President, 1946–47.*) 1939.

KIMBALL, D. S., Emeritus, Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. (*President, 1928–29; Vice President, 1922–23; Member, Board of Investigation and Coordination, 1924–; Member of Council, 1928–46.*) *Sixth Recipient, Lamme Medal (1933).* 1915.

KIMBALL, LEE E., Assistant Professor of Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

KIMBALL, ROBERT M., Director of Business Administration, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

KIMBALL, SPOFFARD H., Professor and Head, Dept. of Mathematics and Astronomy, University of Maine, Orono, Maine. 1943.

KIMBALL, WM. P., Dean, Professor of Civil Engineering Thayer School of Engineering, Hanover, N. H. 1933.

KIMBARK, EDWARD W., Acting Chief, Division of Electronics, Instituto Tecnológico de Aeronâutica, São Jose dos Campos, São Paulo, Brasil. 1936.

KIMBERLY, EMERSON E., Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1943.

KIMEL, WILLIAM R., Assistant Professor of Machine Design, Kansas State College, Manhattan, Kans. 1948.

KINDIG, CARL H., Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1939.

KINDSVATER, CARL E., Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

KING, CHARLES D., Assistant Professor of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1949.

KING, ELLIS F., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

KING, EVERETT E., Professor of Railway Civil Engineering, Emeritus, University of Illinois, Urbana, Ill. 1908.

KING, JOHN A., Professor and Head, Dept. of Mechanical Engineering, Syracuse University, Syracuse 10, N. Y. 1935.

KING, MORLAND, Professor and Head, Dept. of Electrical Engineering, Lafayette College, Easton, Pa. (*Member of Council, 1932–35.*) 1920.

KING, RICHARD, Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1940.

KING, ROBERT M., Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio. 1937.

KING, SHERWOOD, Assistant Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

KING, WALTER B., JR., Assistant Professor in Mechanical Engineering. 1950.

KING, WM. J., Professor, Dept. of Engineering, University of California, Los Angeles 24, Calif. 1946.

KINGSLEY, CHARLES, Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1940.

KINNER, HAROLD G., Assistant Professor of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

KINNEY, EDWARD E., Supt. of Buildings and Utilities, Michigan State College, East Lansing, Mich. 1925.

KINNEY, GILBERT F., Professor of Chemical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1935.

KINNEY, JOSEPH S., Professor and Head, Div. of Structural Engineering, Civil Engineering Dept., Rensselaer Polytechnic Institute, Troy, N. Y. 1936.

KINNEY, ROBERT C. 1949.

KINNIER, HENRY L., Associate Professor of Civil Engineering, University of Virginia, Charlottesville, Va. 1946.

KINSLOE, CHARLES L., Emeritus Professor, The Pennsylvania State College, State College Pa. (*Member of Council, 1939–42.*) 1926.

KINSLOW, RAY, Assistant Professor of General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1949.

KINTNER, PAUL M., Instructor in Electrical Engineering, University of Illinois, Urbana, Ill. 1950.

KINTNER, ROBERT C., Professor of Chemical Engineering, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1946–47.*) 1934.

KIPP, HAROLD L., Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1938.

KIPPENHAN, CHARLES J., Associate Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1950.

KIRBY, LONGLEY R., Associate Professor of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1943.

KIRCHER, CHARLES E., JR., Professor and Head, Department of Chemical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1947.

KIRCHER, LAWRENCE G., Kircher Motor Co., Graceville, Minn. 1948.

KIRCHNER, JAMES W., Acting Instructor in Electrical Engineering, Ohio University, Athens, Ohio. 1951.

KIRK, EDWIN R., Associate in Research, North Carolina State College, Raleigh, N. C. 1950.

KIRK, FRANCIS S., Educational Services Officer, U. S. Merchant Marine Academy, Kingspoint, L. I., N. Y. 1945.

KIRK, ROBERT S., Assistant Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1951.

KIRKBRIDE, CHALMER G., Vice President, Houdry Corporation, Marcus Hook, Pa. 1949.

KIRKENDALE, GEORGE A., Assistant Professor of Ceramic Engineering, New York State College of Ceramics, N. Y. 1948.

KIRKLAND, WILLIAM S., Educational Director, Canadian Institute of Science and Technology, Toronto, Ontario, Canada. 1948.

KIRKLIN, BERNARD C., Technical Instructor, Automotive Dept., Schools of Technology, University of Houston, Houston, Texas. 1951.

KIRKPATRICK, C. V., Chairman, Petroleum Engineering Department, University of Houston, Houston, Texas. 1949.

KIRKPATRICK, SIDNEY D., Editor, *Chemical and Metallurgical Engineering*, Director, McGraw-Hill Book Co., 330 West 42nd St., New York 18, N. Y. 1942.

KISHEL, CHESTER J., Assistant Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio. 1949.

KISHIBAY, CHARLES O., Instructor in Applied Mechanics and Material Testing, Bridgeport Engineering Institute, Bridgeport, Conn. 1946.

KISSAM, PHILIP, Professor and Head, Dept. of Civil Engineering, Princeton University, Princeton, N. J. 1934.

KISSLINGER, CARL, Instructor in Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

KISTLER, PAUL N., Professor of Mechanical Engineering, Brown University, Providence, R. I. 1931.

Kittredge, Raymond B., Professor of Transportation Engineering, State University of Iowa, Iowa City, Iowa. 1921.

Klamm, Clarence F., Assistant Professor of Electronics, U. S. Naval Postgraduate School, Monterey, Calif. 1951.

Klas, Raymond C., Instructor in Tool Engineering. 1949.

Klein, Frederick, Professor of Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

Kleinhenz, William A., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1950.

Kleinschmidt, Robert B., Assistant Professor of Mechanics, Lehigh University, Bethlehem, Pa. 1939.

Kleint, Roderic E., Instructor in Applied Mechanics, Iowa State College, Ames, Iowa. 1950.

Kleis, Guy, Manager, Educational Dept., Westinghouse Electric Corp., East Pittsburgh, Pa. 1946.

Klekotka, John A., Associate Professor and Head, Electrical Engineering, Villanova College, Villanova, Pa. 1951.

Klemme, Claude C., Instructor in Civil Engineering. 1946.

Kline, Lee B., Instructor in Engineering Extension, University of California, Los Angeles, Calif. 1951.

Klingberger, James, Instructor in Electrical Engineering, Ohio Northern University, Ada, Ohio. 1949.

Kliphardt, Raymond A., Assistant Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1947.

Klipple, Edmund C., Professor of Mathematics, Texas A. & M. College, College Station, Texas. 1948.

Klitgord, Otto, Director, New York State Institute of Applied Arts and Sciences, Brooklyn, N. Y. 1947.

Kloeffler, Royce G., Professor and Head, Department of Electrical Engineering, Kansas State College, Manhattan, Kans. 1919.

Klopsteg, Paul E., Director for Physical Mathematical and Engineering Sciences, National Science Foundation, Washington 25, D. C. 1945.

Klose, Orval M., Instructor in Mathematics, Seattle University, Seattle, Wash. 1950.

Klotz, J. Charles, Professor and Head, Dept. of Aeronautical Engineering, University of Tulsa, Tulsa, Okla. 1947.

Klug, Stanley H., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1950.

Knapp, Willard A., Associate Dean of Engineering, Purdue University, Lafayette, Ind. 1920.

Knapp, William J., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1949.

Knebel, Arthur H., Professor and Head, Dept. of Engineering Drawing, University of Cincinnati, Cincinnati 21, Ohio. 1948.

Knight, Abner R., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929.

Knight, Arthur J., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1926.

Knight, Nathaniel H., Associate Professor of Physics, Tufts College, Medford, Mass. 1947.

Knight, Odon S., Supervising Chemical Engineer, Commercial Solvents Corp., Terre Haute, Ind. 1941.

Knight, W. A., Professor of Mechanical Practice, Emeritus, The Ohio State University, Columbus, Ohio. *Life member.* **1907.**

Knipmeyer, Clarence C., Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929.

Knoll, Horton B., Associate Professor of English, Purdue University, Lafayette, Ind. 1940.

Knopf, William C., Supervisor, Florida Experiment Station, International Minerals and Chemicals Corp., Chicago, Ill. 1949.

Knott, Charles E., Dean of Engineering, California State Polytechnic College, San Luis Obispo, Calif. 1948.

Knowler, Lloyd A., Chairman, Dept. of Mathematics, University of Iowa, Iowa City, Iowa. 1946.

Knowles, Asa A., President, University of Toledo, Toledo 6, Ohio. 1947.

Knowlton, Robert J., Assistant Professor in Industrial Engineering, Northeastern University, Boston, Mass. 1948.

Knox, Richard F., Instructor in Electrical Engineering, State College of Washington, Pullman, Wash. 1949.

Knudsen, Harold B., Dean, Chicago Technical College, Chicago, Ill. 1946.

Knudsen, Oran M., Associate Professor of Chemistry, Rose Polytechnic Institute, Terre Haute, Ind. 1949.

Knudsen, Vern O., Dean of the Graduate Division, University of California, Los Angeles, Calif. 1949.

Knudson, Clarence M., Dean, College of Engineering, University of Denver, Denver, Colo. 1941.

Knudson, Marvin C., President, Pueblo Junior College, Pueblo, Colo. 1950.

Knutsen, Harold W., Assistant Professor of Drawing, University of Wisconsin Extension, Milwaukee, Wis. 1949.

Koch, Walter L., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

Kochenburger, Ralph J., Associate Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1951.

Koehler, Glenn, Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1946.

Koehler, Walter A., Professor and Head, Dept. of Chemical Engineering, and Acting Director, Engineering Experiment Station, West Virginia University, Morgantown, W. Va. *(Member of Council, 1948–50.)* 1936.

Koenig, Lloyd R., Lecturer in Mechanical Engineering, Washington University, St. Louis, Mo. 1931.

Koepke, Charles A., Consulting Engineer to Management, St. Paul, Minn. 1929.

Koerper, Erhardt C., Research Administrator, A. O. Smith Corp., Milwaukee 1, Wis. 1946.

Koffolt, Joseph H., Professor and Head, Dept. of Chemical Engineering, The Ohio State University, Columbus 10, Ohio. *(Member of Council, 1947–49.)* **1933.**

Kofoid, Melvin J., Associate Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1948.

Kohl, John C., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Kohler, Herbert V., President, Kohler Company, Kohler, Wis. 1949.

Kohlmeyer, Richard J., Instructor in Mathematics, Lafayette College, Easton, Pa. 1948.

Kohloss, Frederick H., Chief Engineer, Air-Conditioning Div., Griffith-Consumers Co., 1413 N. Y. Ave., N. W., Washington, D. C.

Kolb, Robert P., Professor of Heat-Power Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1925.

Kolb, William K., Director, Production Engineering Dept., Remington Rand, Inc., Louisiana Ordnance Plant, Shreveport, La. 1937.

KOLINER, RALPH, Assistant Professor of Civil Engineering, University of Pennsylvania (Towne School), Philadelphia, Pa. 1950.

KOLM, ROGER E., Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1947.

KOMAREWSKY, VASILI T., Professor of Chemistry and Chemical Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

KOMMERS, JESSE B., Chairman, Dept. of Mechanics, University of Wisconsin, Madison, Wis. 1923.

KONOVE, CARL, Assistant Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1941.

KONZO, SEICHI, Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

KOONSMAN, GEORGE L., Instructor in Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1949.

KOOPMAN, RICHARD J. W., Professor and Head, Dept. of Electrical Engineering, Washington University, St. Louis, Mo. 1939.

KOOS, PAUL V., Laboratories Staff, Technical Employment Dept., Bell Telephone Labs., Inc., New York, N. Y. 1949.

KOPKA, MERLAND A., Counselor, Graduate Placement, Wayne University, Detroit, Mich. 1949.

KORGES, EMERSON, Assistant Professor of Engineering, Texas College of A. & I., Kingsville, Texas. 1946.

KOROBKIN, IRVING, Research Engineer, Naval Ordnance Lab., Silver Spring, Md. 1949.

KORSMEYER, F. B., Assistant Industrial Relations Manager, Research and Development Dept., Socony-Vacuum Oil Co., New York, N. Y. 1947.

KOSKI, PAUL I., Instructor in Engineering Drawing, Michigan College of M. & T., Houghton, Mich. 1950.

KOSNER, EDWARD F., Assistant Training Director, Allied Institute of Technology, Cicero, Illinois. 1951.

KOSTOS, FRANK C., Assistant Professor of Engineering, Pennsylvania State Undergraduate Center, Hazleton, Pa. 1946.

KOTCHER, EZRA, Director, USAF Institute of Technology, Wright Field, Dayton, Ohio. (In Service.) 1946.

KOTH, ARTHUR W., Professor of Mining, University of North Dakota, Grand Forks, N. D. 1935.

KOTTMAN, ROBERT H., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1950.

KOUWENHOVEN, WILLIAM B., Dean, School of Engineering, Johns Hopkins University, Baltimore, Md. 1938.

KOVARIK, ALOIS F., Professor of Physics, Emeritus, Yale University, New Haven 11, Conn. 1919.

KOWALCZYK, LEON S., Assistant Professor of Chemical Engineering, University of Detroit, Detroit, Mich. 1951.

KOWALKE, OTTO L., Professor of Chemical Engineering, Emeritus, University of Wisconsin, Madison, Wis. 1918.

KOZACKA, JOSEPH S., Associate Professor of Mechanical Engineering, University of Illinois, Chicago, Ill. 1938.

KRAHULA, JOSEPH L., Instructor in Mechanics, Rensselaer Polytechnic Institute, Schenectady, N. Y. 1948.

KRAMER, LAWRENCE A., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

KRANS, DONALD H., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1947.

KRANTZ, WILLIAM H., Instructor in Civil Engineering, Gen. Del., Camarillo, Calif. 1950.

KRANZ, HERMANN E., Director, Industrial Technical Institute, 6160 Mt. Elliott Ave., Detroit 11, Mich. 1948.

KRASSA, PABLO, Dean, Escuela de Ingenieria, Facultad de Ciencias, Fisicas y Matematicas, Universidad de Chile, Santiago, Chile, S. A. 1945.

KRATHWHOL, WM. C., Professor Emeritus of Mathematics and Director of Tests, Institute for Psychological Services, Illinois Institute of Technology, 3329 South Federal St., Chicago, Ill. *Life member.* 1927.

KRAUSE, HENRY, Assistant Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1951.

KRAUSE, ROBERT P., Instructor in Mechanical Engineering, University of Washington, Seattle 2, Wash. 1947.

KRAUSS, J. EDWARD, Head of Mechanical Technology, State University of New York, Brooklyn, N. Y. 1948.

KRAUSS, MARTIN L., Instructor in History and Government, Purdue University, Lafayette, Ind. 1951.

KRAVETZ, ADAM J., Lecturer in Electrical Engineering, University of Toronto, Toronto, Ontario, Canada. 1950.

KRAVIK, REUBEN C., Assistant Professor of Engineering, University of Minnesota, Minneapolis, Minn. 1949.

KRAYBILL, EDWARD K., Assistant Professor of Electrical Engineering, Duke University, Durham, N. C. 1940.

KRAYBILL, RICHARD R., Assistant Prof. of Chemical and Metallurgical Engineering, University of Rochester, Rochester, N. Y. 1950.

KREFELD, WILLIAM J., Professor of Civil Engineering, Columbia University, New York, N. Y. 1929.

KREIDER, MORRIS J., Assistant Professor of Mathematics, University of Dayton, Dayton, Ohio. 1949.

KREIDER, ORLANDO C., Assistant Professor of Mathematics, Iowa State College, Ames, Iowa. 1948.

KREISLE, LEONARDT F., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1947.

KREY, ROGER A., 86 Elm St., Potsdam, N. Y. 1951.

KRIEGEL, WILLIAM W., Professor and Head, Ceramic Engineering, North Carolina State College, Raleigh, N. C. 1949.

KRILL, ARTHUR M., Assistant Professor of Mechanical Engineering and Coordinator, Cooperative Plan, University of Denver, Denver, Colo. 1948.

KROEGER, HENRY R., Engineer, Fairchild Engine and Airplane Co., Oak Ridge, Tenn. 1942.

KRONSBEIN, J., Professor and Head, Engineering Dept., Evansville College, Evansville, Ind. 1949.

KRULL, ALAN R., Engineering Librarian, Northwestern Technological Institute, Evanston, Ill. 1950.

KRUPNIK, STANLEY, JR., Instructor in Electrical Engineering, Marquette University, Milwaukee, Wis. 1950.

KRUSZKA, EDWARD J., Dean, Technical Institute and Pre-Engineering, Alliance Junior College, Cambridge Springs, Pa. 1943.

KRYNINE, D. P., Research Associate in Civil Engineering, Department of Engineering, University of California, Berkeley, Calif. 1934.

KUBIAK, HENRY J., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1948.

KUBLER, CLARENCE J., Instructor in Civil Engineering, South Dakota School of Mines & Technology, Rapid City, S. D. 1950.

KUBO, GERALD G., Associate Professor of Civil Engineering, New York University, Bliss Bldg., University Heights, New York 53, N. Y. 1947.

KUEBLER, ALFRED A., Assistant Professor of General Engineering, Rutgers University, New Brunswick, N. J. 1947.

KUENZEL, HERBERT, Professor and Head, Mechanical Engineering Dept., University of Alabama, Tuscaloosa, Ala. 1946.

KUETHE, ARNOLD M., Professor, Aero Engineering, University of Michigan, Ann Arbor, Mich. 1942.

KUHLMAN, JOHN H., Professor of Electrical Design, University of Minnesota, Minneapolis, Minn. (*On leave, 1950–51, Instituto de Eletrotecnica, São Paulo, Brazil.*) 1925.

KULESA, WALTER E., College and University Relations, General Motors Corporation, New York, N. Y. 1950.

KUNKLE, GEORGE M., Associate Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1925.

KUNSE, ROBERT M., Instructor in General Engineering, Purdue University Extension, Indianapolis, Ind. 1949.

KURAJIAN, GEORGE M., Instructor in Engineering Mechanics, University of Detroit, Detroit 21, Mich. 1948.

KURATA, FRED, Associate Professor of Chemical Engineering, University of Kansas, Lawrence, Kans. 1951.

KURT, O. EDWARD, Technical Assistant to General Manager, Ethyl Corporation, Detroit, Mich. 1949.

KURTZ, EDWIN B., Professor and Head, Department of Electrical Engineering, University of Iowa, Iowa City, Iowa. 1921.

KURTZ, JOHN W., Assistant Professor of Engineering, University of Omaha, Omaha, Nebr. 1934.

KUSHNER, ALBERT, Mechanical Engineer, Hudson Labs., Columbia University, Dobbs Ferry, N. Y. 1949.

KUSIAN, ROSS N., Acting Director, Environmental Research Laboratory, University of Washington, Seattle 5, Wash. 1950.

KUSKO, ALEXANDER, Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1951.

KUT, WALTER S., Associate Professor of Mechanical Engineering, Cooper Union, New York 3, N. Y. 1938.

KYBURZ, PAUL H., Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1951.

KYLE, P. E., Francis Norwood Bard Professor of Metallurgy, Cornell University, Ithaca, N. Y. 1939.

KYROPOULOS, PETER, Assistant Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1946.

LABANAUSKAS, PAUL J., Writer, Science-Edit. Dept., "Voice of America," State Dept. 1790 Broadway, New York 19, N. Y. 1950.

LA CAUZA, FRANK E., Professor and Head, Dept. of Electrical Engineering, U. S. Naval School (General Line), Monterey, Calif. 1946.

LACKEY, JAMES M., District Engineering, The Asphalt Institute, Glendale, Calif. 1950.

LACKLER, JOHN L., Assistant Professor of Mechanical Engineering, Catholic University of America, Washington, D. C. 1949.

LACY, EDGAR W., Associate Professor of English, University of Wisconsin, Madison, Wis. 1949.

LADD, DOROTHY C., Dept. Head, Arts and Drafting, Paul Smith's College, Paul Smiths, N. Y. 1946.

LADNER, A. COLLINS, Assistant Professor of Engineering Science, Denison University, Granville, Ohio. 1934.

LAGAARD, MAURICE B., Associate Professor of Civil Engineering, Chairman, Department of Engineering-Drawing, Northwestern University, Evanston, Ill. 1942.

LAGO, GLADWYN V., Assistant Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1949.

LAIS, LUCIO. 1949.

LAITALA, EVERETT, Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1950–52.*) 1941.

LAITY, W. CLIFFORD, Associate Professor of History and English, Montana School of Mines, Butte, Mont. 1949.

LA JOY, MILLARD H., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1945.

LAKE, ROBERT E., Associate Professor of Physics, Pratt Institute, Brooklyn, N. Y. 1944.

LAKE, WALTER S., Assistant Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1950.

LAKE, WILLIAM H., Instructor in Drawing, University of Tennessee, Knoxville, Tenn. 1949.

LA LONDE, WILLIAM S., Professor and Head, Dept. of Civil Engineering, Newark College of Engineering, Newark, N. J. 1947.

LAMB, GEORGE G., Professor of Chemical Engineering, Northwestern University, Evanston, Ill. 1946.

LAMB, JOHN F., Associate Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1937.

LAMBE, EMERSON P., Professor of Physics, Pratt Institute, Brooklyn 5, N. Y. 1926.

LAMBERT, B. J., Professor and Head Emeritus, Dept. of Civil Engineering, State University of Iowa, Iowa City, Iowa. *Life member.* 1907.

LAMBERT, ROBERT F., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

LAMBIE, JOS. S., Instructor in Drafting, Triangle School of Drafting, Pittsburgh, Pa. 1914.

LAMM, EARL S., Research Engineer, Engineering Economics Div., Battelle Memorial Institute, Columbus 1, Ohio. 1951.

LAMP, BENSON J., JR., Instructor in Agricultural Engineering, Ohio State University, Columbus, Ohio. 1951.

LAMPE, JOHN H., Dean of Engineering, North Carolina State College, Raleigh, N. C. (*Member of Council, 1946–47; Vice President, 1951–53.*) 1938.

LANCASTER, FORREST W., Professor of Physics, North Carolina State College, Raleigh, N. C. 1937.

LANDER, LAWRENCE C., Chairman, Dept. of Industrial Engineering, General Motors Institute, Flint, Mich. 1945.

LANDES, JACK H., Instructor in Engineering and Architecture, Chicago City College, Wright Branch, Chicago, Ill. 1946.

LANDON, RANSOM D., Dean, College of Engineering, University of Akron, Akron 4, Ohio. (*Member of Council, 1949–51.*) 1937.

LANE, DONALD F., Industrial Relations Consultant Ebasco Services, Inc., New York 6, N. Y. 1939.

LANE, ROBERT D., Assistant to the Director of Engineering, Sinclair College, Dayton, Ohio. 1949.

LANE, RUTH MCG., Librarian, Vail Library, Massachusetts Institute of Technology, Cambridge, Mass. 1941.

LANGE, ERNEST O., Associate Professor of Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1937.

LANGENHEIM, RALPH L., Dean, College of Petroleum Engineering, University of Tulsa, Tulsa, Okla. 1938.

LANGFORD, JOSEPH W., Associate Professor of Electrical Engineering, University of Massachusetts, Amherst, Mass. 1947.

LANGSDORF, ALEXANDER S., Dean Emeritus, Schools of Engineering and Architecture, Washington University, St. Louis, Mo. (*Member of Council, 1913–16.*) 1903.

LANIER, ROSS E., Instructor in Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1950.

LANSFORD, WALLACE M., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1946–48, 1950–52.*) 1935.

LANSING, NEAL F., Physicist, Research Director's Dept., Oak Ridge National Laboratory, Oak Ridge, Tenn. 1950.

LANTOW, JOHN W., Instructor in Mechanical Engineering. 1948.

LA PIERRE, WALTER A., Assistant Professor of Electrical Engineering, Columbia University, New York 27, N. Y. 1943.

LAPRADE, GEORGE L., Instructor in Science Dept., General Motors Institute, Flint, Mich. 1951.

LARGE, GEORGE E., Professor and Chairman, Department of Civil Engineering, The Ohio State University, Columbus 10, Ohio. 1940.

LARIAN, MAURICE G., Professor of Chemical Engineering, Michigan State College, East Lansing, Mich. 1937.

LARK-HOROVITZ, K., Professor and Head, Dept. of Physics, Purdue University, Lafayette, Ind. 1942.

LARKIN, F. V., Director of Mechanical Engineering, Retired, Lehigh University, Bethlehem, Pa. (*Member of Council, 1930–33; Vice President, 1933–34.*) *Life member.* 1912.

LARKIN, JOHN D., Dean, Division of Liberal Studies, Illinois Institute of Technology, Chicago, Ill. 1939.

LARSEN, KARL D., Professor and Head, Dept. of Physics, Lafayette College, Easton, Pa. 1948.

LARSEN, THORSTEIN, Assistant Professor of Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1947.

LARSON, BERNT O., Associate Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1947.

LARSON, CURTIS L., Instructor in Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1950.

LARSON, EDWARD, Partner, Larson, White & Hunt, Consulting Engineers, Cincinnati, Ohio. 1944.

LARSON, FLOYD C., Associate Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1949.

LARSON, G. L., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1911.

LARSON, GEORGE H., Professor of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1947.

LARSON, LUDVIG C., Professor of Electrical Engineering, Director, Electrical Standards Laboratory, University of Wisconsin, Madison 6, Wis. 1937.

LARSON, REINHOLD F., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1939.

LARSON, SIDNEY C., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

LARSSON, ROBERT D., Assistant Professor of Mathematics, Clarkson College, Potsdam, N. Y. 1950.

LARUE, HARRY A., Associate Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1939.

LARUE, ROBERT D., Instructor in Civil Engineering, University of Idaho, Moscow, Idaho. 1951.

LASCOE, ORVILLE D., Associate Professor of General Engineering, Purdue University, Lafayette, Ind. 1944.

LASSALLE, LEO J., Dean, College of Engineering, Louisiana State University, University, La. (*Member of Council, 1947–49.*) 1935.

LATVALA, WOODROW J., Assistant Professor of Mining Engineering, c/o Reynolds Jamaica Mines, Ltd., Lydford P. O., St. Ann, Jamaica, B. W. I. 1949.

LAUCHLAND, LYMAN STUART, Associate Professor of Electrical Engineering, University of Toronto, Toronto 5, Ontario, Canada. 1945.

LAUDER, BEETON P., Vice President, Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

LAUER, BYRON E., Professor and Head, Dept. of Chemical Engineering University of Colorado, Boulder, Colo. 1937.

LAUGHTER, CLYDE N., Assistant Professor of Civil Engineering, University of Delaware, Newark, Del. 1950.

LAUSCHE, LUVERNE F., Associate Professor of Mechanical Engineering, Ohio University, Athens, Ohio. 1948.

LAUSHEY, LOUIS M., Assistant Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1946.

LAVELLE, FRANCIS H., Instructor in Civil Engineering, Yale University, New Haven, Conn. 1949.

LAVINE, IRVIN, Sec. Treas., Industrial Research Service, Masonic Bldg., Dover, N. H. 1935.

LAWALL, CHARLES E., Assistant Vice President, C & O Railway Co., Huntington, W. Va. (*Member of Council, 1942–46.*) 1931.

LAWRENCE, E. GEORGE, President, Lawrence Institute of Technology, Detroit 3, Mich. 1943.

LAWRENCE, GEORGE M., Assistant Professor of Electrical Engineering, Ohio State University, Columbus, Ohio. 1949.

LAWS, LEONARD S., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1947.

LAWSON, EDWARD C., Engineer, Engineering Service, E. I. du Pont de Nemours & Co., Wilmington 1, Del. 1947.

LAY, JOACHIM E., Instructor in Mechanical Engineering, University of Detroit, Detroit 21, Mich. 1948.

LAY, WALTER E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

LAYNG, FRANK R., Vice President and Chief Engineer, Retired, Bessemer and Lake Erie Railroad, Greenville, Pa. (Home: 387 S. Main St.) 1945.

LAZAN, BENJAMIN J., Professor of Materials Engineering, University of Minnesota, Minneapolis 14, Minn. 1948.

LEACH, HERBERT W., Professor of Engineering and Physics, Tarleton State College, Stephenville, Texas. 1946.

LEACH, JAMES L., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

LEAHY, JOHN F., Director, Texas Cotton Research Institute, A. & M. College of Texas, College Station, Texas. 1943.

LEAMER, FRANK D., Personnel Director, Bell Telephone Labs., 463 West St., New York 14, N. Y. 1947.

LEAVITT, ERNEST E., Associate Professor of Mechanical Engineering, Tufts College, Medford, Mass. 1945.

LEBELL, DON, Assistant Engineer, Engineering Dept., University of California, Los Angeles, Calif. 1950.

LE BOLD, WILLIAM K., Instructor in Electrical Engineering, University of Illinois, Chicago, Ill. (Home: 2733 Western Ave., Park Forest, Ill.) 1947.

LEBOW, MILTON J., Assistant Professor of Engineering Mechanics, Wayne University, Detroit, Mich. 1951.

LEBRON, WILFREDO J., Instructor in Civil Engineering, University of Puerto Rico, Mayaguez, P. R. 1947.

LE CAIN, GEORGE H., Assistant Supervisor, Mechanical Engineering Dept., Rochester Institute of Technology, Rochester, N. Y. 1945.

LECLAIR, TITUS G., Chief Electrical Engineer, Engineering Dept., Commonwealth Edison Co., Chicago, Ill. 1949.

LECLERC, ANDRE, Assistant Professor of Hydraulic Engineering, Ecole Polytechnique, Montreal, Que., Canada. 1951.

LEDBETTER, THOMAS B., Instructor in Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1951.

LEE, ADOLPH O., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1945.

LEE, CHARLES F., Assistant Manager, Technical Recruiting Division, General Electric Co., Schenectady, N. Y. 1947.

LEE, CLAUDIUS, Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

LEE, EVERETT S., Editor, *General Electric Review*, General Electric Co., Schenectady, N. Y. 1943.

LEE, GEORGE H., Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1941.

LEE, JOHN F., Associate Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1948.

LEEPER, MARVIN T., Engineer, American Bridge Co., Gary, Ind. 1949.

LEET, HORACE W., Professor and Head, Dept. of Mechanical Drawing and Machine Design, University of Rochester, Rochester, N. Y. 1944.

LEFFELL, WILL O., Assistant Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1945.

LEGAULT, ADRIAN R., Associate Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1940.

LEGGETT, GLENN H., Instructor in English, Ohio State University, Columbus, Ohio. 1946.

LEGGETT, JAMES T., Associate Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1948.

LEHMAN, L. GRAHAM, Electrical Engineer, Eng. & Design, Navy Dept., 9504 Page Ave., Bethesda 14, Md. 1939.

LEHMANN, CHARLES H., Assistant Professor of Mathematics, Cooper Union, New York, N. Y. 1941.

LEHMANN, EMIL W., Professor and Head, Department of Agricultural Engineering, University of Illinois, Urbana, Ill. 1935.

LEHOCZKY, PAUL N., Professor and Chairman, Dept. of Industrial Engineering, Ohio State University, Columbus 10, Ohio. (*Member of Council, 1946–48.*) 1930.

LEHRER, ROBERT N., Associate Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1950.

LEIDEL, FREDERICK O., Instructor in Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1950.

LEIFSON, SIGMUND W., Professor of Physics, University of Nevada, Reno, Nev. 1949.

LEIGH, ALFRED H., Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1950.

LEIGHTON, ARTHUR W., Professor of Engineering Drawing, Tufts College, Medford 55, Mass. 1922.

LEISTER, JOHN S., Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1934.

LEISTER, VOLNEY B., Manager, Industrial Relations Division, Public Service Co. of Northern Illinois, Evanston, Ill. 1949.

LELAND, O. M., Dean Emeritus of Engineering, University of Minnesota, 911 5th St., S.E., Minneapolis 14, Minn. (*President, 1926–27; Member of Council, 1921–24, 1926–46.*) *Life member.* 1908.

LE MAIRE, GEORGE W., Associate Professor of Petroleum Refining, Colorado School of Mines, Golden, Colo. 1947.

LENDALL, HARRY N., Professor Emeritus of Municipal and Sanitary Engineering, Chairman, Dept. of Civil Engineering, Rutgers University, New Brunswick, N. J. *Life member.* 1912.

LENEL, FRITZ V., Associate Professor of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1951.

LENG, RICHARD B., Controller, Electronics Division, Sylvania Electric Co., 70 Forsyth Street, Boston, Mass. 1937.

LENHART, JACK, Assistant Professor of Drawing, University of Texas, Austin, Texas. 1944.

LENOIR, JOHN M., Assistant Professor of Chemical Engineering, 569 E. Woodbury Rd., Altadena, Calif. 1949.

LENT, DEANE, Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

LENZ, ARNO T., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1938.

LEO, BROTHER AMANDUS, F.S.C., Dean of Engineering, Manhattan College, New York, N. Y. 1928.

LEONARD, CARROLL M., Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1930.

LEONARD, HEMAN BURR, Professor of Mathematics, University of Arizona, Tucson, Ariz. 1919.

LEONARD, PAUL B., Assistant Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1947.

LEONARD, SAMUEL J., Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1928.

LEONE, WILLIAM C., Instructor in Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

LEPAGE, WILBUR R., Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1951.

LEPPER, HENRY A., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1949.

LERNER, SAMUEL, Assistant Professor of Civil Engineering, Brown University, Providence, R. I. 1941.

LESESNE, CHARLES H., Adjunct Professor of Engineering, University of South Carolina, Columbia, S. C. 1948.

LESLIE, PHILIP, Assistant in Chemistry Library, University of Illinois, Urbana, Ill. 1951.

LESSER, ARTHUR, JR., Chairman & Associate Professor of Economics of Engineering, Stevens Institute of Technology, Hoboken, N. J. 1943.

LESTER, BERNARD, Lester & Silver, Management Engineers, 140 Cedar St., New York 6, N. Y. 1936.

LESTER, HELEN M., Instructor in Mechanics, West Virginia University, Morgantown, W. Va. 1948.

LETELLIER, L. S., Head, Dept. of Engineering, Professor of Civil Engineering, The Citadel, Charleston, S. C. (*Member of Council, 1946–48.*) 1912.

LETT, ROBERT P., Assistant Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1949.

LEUTWILER, O. A., Professor of Mechanical Engineering Design, Emeritus, Mechanical Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1918–21, 1947–48.*) *Life member.* 1906.

LEUTWILER, RICHARD W., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison 6, Wis. 1941.

LEVENS, A. S., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1932.

LEVENSON, MORRIS E., Instructor in Mathematics, Brooklyn College, Bedford Ave. and Ave. H, Brooklyn, N. Y. 1949.

LEVINE, JACK, Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1940.

LEVINE, MARK P., Instructor in Electrical Engineering, University of Massachusetts, Amherst, Mass. 1950.

LEVY, A. HERBERT, Associate Professor of Architecture, Tulane University, New Orleans 15, La. 1947.

LEVY, BERNARD, JR., Engineering Dept., Atomic Power Division, Westinghouse Electric Corp., East Pittsburgh, Pa. 1947.

LEVY, GEORGE F., Assistant Professor of Electrical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1944.

LEWALD, CHARLES E., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1949.

LEWIS, ALEXANDER D., Associate Professor of Mechanical Engineering, Clemson Agricultural College, Clemson, S. C. 1943.

LEWIS, AMBROSE B., Instructor in Agricultural Engineering, 429 Center St., Manassas, Va. 1949.

LEWIS, CHARLES F., Instructor in Mathematics, North Carolina State College, Raleigh, N. C. 1950.

LEWIS, FRED A., Head, Mathematics Dept., University of Alabama, University, Ala., 1949.

LEWIS, FRED J., Dean, School of Engineering, Vanderbilt University, Nashville, Tenn. (*Member of Council, 1949–51.*) 1926.

LEWIS, JOHN B., Instructor in Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1949.

LEWIS, JOHN R., Head, Metallurgical Dept., University of Utah, Salt Lake City, Utah. 1949.

LEWIS, JOSEPH F., Electrical Designer, United Engineers & Constructors, Philadelphia 44, Pa. *Life member.* 1913.

LEWIS, PAUL E., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1951.

LEWIS, RALPH E., Assistant Professor of General Engineering, Duke University, Durham, N. C. 1931.

LEWIS, ROBERT L., Professor and Head, Dept. of Civil Engineering, New York University, New York, N. Y. 1939.

LEWIS, ROBERT S., Professor of Mining, Emeritus, University of Utah, Salt Lake City, Utah. 1922.

LEWIS, RODNEY C., Lecturer in Electrical Engineering, University of Southern California, Pasadena, Calif. 1947.

LEWIS, WARREN K., Professor of Chemical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. *Twentieth Recipient, Lamme Medal (1947).* 1932.

LEWIS, WILLIAM A., JR., Dean, Graduate School, Illinois Institute of Technology, Chicago 16, Ill. 1939.

LEY, B. JAMES, Assistant Professor of Electrical Engineering, New York University, New York, N. Y. 1950.

LIBBEY, WALDO M., Instructor in Electrical Engineering, University of Maine, Orono, Maine. 1947.

LIBBY, WILBUR E., Coordinator of Engineering, Michigan State College, East Lansing, Mich. 1950.

LICHT, WILLIAM, JR., Associate Professor of Chemical Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1943.

LICHTY, LESTER C., Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1930.

LICKEY, HARRY F., Associate Professor of Electrical Engineering, Washington State College, Pullman, Wash. 1936.

LIDDICOAT, RICHARD T., Associate Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1940.

LIEBERSOHN, ARON, Teacher and Consulting and Research Electrical Engineer, 248–252 Hewes Street, Brooklyn 11, N. Y. 1950.

LIEBIG, JOHN O., JR., Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1950.

LIGHTHOLDER, RICHARD K., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

LILLIBRIDGE, A. L., Assistant Professor of Mechanical Engineering, University of Idaho at Pocatello, Idaho. 1947.

LILLIE, JOHN, Instructor in Engineering, Sacramento Junior College, Sacramento, Calif. 1951.

LILLIOTT, RICHARD W., JR., Associate Professor of Architectural Engineering, University of Houston, Houston, Texas. 1949.

LIMING, ROY A., Supervisor, Engineering Dept., North American Aviation, Inc., Municipal Airport, Los Angeles 45, Calif. 1947.

LIN, ANDREW D. 1949.

LIN, TUNG-HUA, Associate Professor of Aeronautical Engineering, University of Detroit, Detroit, Mich. 1950.

LIN, TUNG Y., Associate Professor of Civil Engineering, University of California, Berkeley, Calif. 1946.

LIND, MERRIL S., Instructor in Electrical Engineering, Michigan College of M. & T., Houghton, Mich. 1950.

LINDAHL, ERIC J., Professor and Head, Dept. of Mechanical Engineering, University of Wyoming, Laramie, Wyo. 1941.

LINDAU, JULES W., Professor of Mechanical Engineering, University of South Carolina, Columbia, S. C. 1945.

LINDBLOM, ROY E., Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1948.

LINDELL, W. FRANCIS, Assistant Professor of Mechanical Engineering, University of Delaware, Newark, Del. 1941.

LINDENMEYER, RAY S., Associate Professor of Industrial Engineering, Northwestern University, Evanston, Ill. 1943.

LINDER, CLARENCE H., Manager, Engineering Apparatus Dept., General Electric Co., Schenectady, N. Y. 1950.

LINDEROTH, L. SIGFRED, JR., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1950.

LINDLEY, ROY W., Chairman, Engineering Shops, Purdue University, Lafayette, Ind. 1922.

LINDON, PAUL H., Associate Professor of Electrical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1949.

LINDQUIST, ROBERT M. L., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

LINDSAY, FRANK B., Assistant Superintendent of Public Instruction, State Dept. of Education, Sacramento, Calif. 1928.

LINDSAY, JAMES D., Professor and Head, Dept. of Chemical Engineering, A. & M. College of Texas, College Station, Texas. 1936.

LINDSAY, RICHARD W., Vice President, Mountain States Tel. & Tel. Co., Denver, Colo. 1947.

LINDSEY, EDGAR E., Professor of Chemical Engineering, University of Massachusetts, Amherst, Mass. 1947.

LINDSEY, F. GORDON, Associate Professor of Mathematics, Clarkson College, Potsdam, N. Y. 1949.

LINDSTROM, CARL A., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

LINDVALL, FREDERICK C., Chairman, Division of Engineering, California Institute of Technology, Pasadena, Calif. 1941.

LINEBACK, HUGH, Assistant Professor of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1947.

LINGELBACH, DANIEL D., Assistant Professor of Electrical Engineering, University of Arkansas, Fayatteville, Ark. 1950.

LINGEMAN, CYRIL A., Instructor in English, University of Detroit, Detroit, Mich. 1941.

LINKE, SIMPSON, Assistant Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1951.

LINSINMEYER, ROY F., Assistant Professor of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1948.

LINSKY, CHESTER, Instructor in Industrial Engineering, General Motors Institute, Flint, Mich. 1949.

LINSLEY, RAY K., Associate Professor of Civil Engineering, Stanford University, Stanford, Calif. 1951.

LINVILLE, THOMAS M., Management Consultant, Services Division, General Electric Co., Schenectady, N. Y. 1947.

LIPKIN, LOUIS, Instructor in Electrical Engineering, Wayne University, Detroit, Mich. 1950.

LIPPER, RALPH I., Assistant Professor of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1948.

LIPPERT, JOHN W., Instructor in Engineering English, University of Minnesota, Minneapolis, Minn. 1950.

LISSNER, HERBERT R., Professor & Head of Engineering Mechanics, Wayne University, Detroit 1, Mich. 1943.

LISTON, JOSEPH, Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1944.

LITKENHOUS, EDWARD E., Professor and Head, Dept. of Chemical Engineering, Vanderbilt University, Nashville, Tenn. 1936.

LITTAUER, SEBASTIAN B., Associate Professor of Industrial Engineering, Columbia University, New York, N. Y. 1948.

LITTLE, NEIL, Associate Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1945.

LITTLEFIELD, GARNETT, Associate Professor of Civil Engineering, University of Utah, Salt Lake City, Utah. 1943.

LITTLETON, EARLE F., Associate Professor of Civil Engineering, Tufts College, Medford, Mass. 1938.

LIU, MAOLING, Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

LIUM, ELDER L., Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1940.

LIVAS, HENRY L., Associate Professor of Architecture, Hampton Institute, Hampton, Va. 1945.

LIVERMORE, DONALD F., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

LIVERMORE, JOSEPH D., Associate Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1948.

LIVINGOOD, MARVIN D., Research Assistant Professor of Chemical Engineering Experiment Station, Michigan State College, East Lansing, Mich. 1941.

LIVINGSTON, ARNOLD R., Assistant Professor of T. & A. Mechanics, Iowa State College, Ames, Iowa. 1944.

LIVINGSTON, ROBERT T., Professor of Industrial Engineering, Columbia University, New York 27, N. Y. 1948.

LIWSCHITZ-GARIK, MICHAEL, Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1942.

LNENICKA, WILLIAM J., Engineer, Procter & Gamble Co., Kansas City, Mo. 1949.

LOBERG, HARRY J., Director, Sibley School of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1945.

LOBINGIER, GEORGE D., Manager, Professional Employment Dept., Westinghouse Electric Corp., East Pittsburgh, Pa. 1945.

LOBO, WALTER E., M. W. Kellogg Co., New York, N. Y. 1949.

LOCKE, ARTHUR A., Professor and Chairman, Dept. Aeronautical Engineering, Wayne University, Detroit 1, Mich. 1944.

LOCKE, WILLIAM W., JR., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1934.

LOCKHART, FRANK J., Professor and Head of Chemical Engineering, University of Southern California, Los Angeles, Calif. 1947.

LOCKWOOD, HAROLD J., Professor of Engineering, Trinity College, Hartford, Conn. 1949.

LOCKWOOD, RAYMOND M., Assistant Professor of General Engineering, Oregon State College, Corvallis, Ore. 1948.

LOEBL, FRANK W., Instructor in Mechanical Engineering, 555 Dunbar Ave., Waukesha, Wisc. 1949.

LOEBL, ROBERT A., Instructor in Mechanical Engineering, 9530 Brace Ave., Apt. 209, Detroit 28, Mich. 1948.

LOEW, EDGAR A., Dean Emeritus, College of Engineering, and Professor of Electrical Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1944–46.*) 1936.

LÖF, GEORGE O. G., Professor and Head, Dept. of Chemical Engineering, University of Denver, University Park, Denver, Colo. 1947.

LOF, JOHN L. C., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1951.

LOF, ROY V., Educational Specialist, U. S. Air Force Technical School, Belleville, Ill. 1950.

LOFGREN, KENNETH E., Associate Professor of Machine Design, Cooper Union, New York, N. Y. 1936.

LOFLIN, ZEKE L., Professor and Head, Dept. of Mathematics, Southwestern Louisiana Institute, Lafayette, La. 1944.

LOGAN, LELAND, Instructor in Engineering, Champlain College, State University of New York, Plattsburg, N. Y. 1951.

LOHMANN, M. R., Vice Dean, Institute of Technology, Oklahoma A. & M. College, Stillwater, Okla. 1946.

LOHR, WM. S., Professor and Head, Dept. of Civil Engineering, Lafayette College, Easton, Pa. 1927.

LOMAZ, DANIEL DE L., 959 East 129th St., Cleveland, Ohio. 1949.

LOMMEL, GEORGE E., Professor of Topographical Engineering, Purdue University, Lafayette, Ind. 1926.

LONDON, ALEXANDER L., Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1940.

LONERGAN, JOHN J., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1948.

LONG, CLARENCE H., Associate Professor of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

LONG, DEAN, Vice President and Director, Adult Education, Evansville College, Evansville, Ind. 1950.

LONG, EDWARD L., JR., Student & Assistant, Christian Ethics, Union Theological Seminary, Columbia University, New York 27, N. Y. 1945.

LONG, JAMES D., Special Assistant in Agricultural Engineering, Bureau of Plant Industry, Soils and Agricultural Engineering, U. S. D. A., Agricultural Research Center, Beltsville, Md. 1932.

LONG, J. WILLIAM, Administrative Engineer, Curtis-Wright Corp., Propeller Division, Caldwell, N. J. 1946.

LONG, MAURICE B., Treasurer and Assistant to Vice President, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1930.

LONG, MAURICE W., Assistant Professor, Research Dept., Georgia Institute of Technology, Atlanta, Ga. 1948.

LONG, VELDON O., Professor and Head, Dept. of Electrical Engineering, University of Wyoming, Laramie, Wyo. 1946.

LONG, WAYNE E., Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1948.

LONGACRE, WILLIAM A., Professor of Physics, Michigan College of M. & T. Houghton, Mich. 1943.

LONGHOUSE, ALFRED D., Professor and Head, Dept. of Agricultural Engineering, West Virginia University, Morgantown, W. Va. 1947.

LONGO, CHARLES V., Assistant Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1947.

LONGSTAFF, JOHN B., Assistant Professor of Engineering, University of Massachusetts, Amherst, Mass. 1948.

LOOK, FREDERICK W., Assistant Professor of Civil Engineering, Youngstown College, Youngstown, Ohio. 1950.

LOOMIS, CHARLES K., JR., Instructor in Electrical Engineering, Detroit Institute of Technology, Detroit, Mich. 1950.

LOONEY, CHARLES T. G., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1937.

LOPEZ-BARANANO, JOSE M., Head, Mechanical Engineering, Instituto Tecnologico de Monterrey, Monterrey, N. L., Mexico. 1950.

LORAH, JAMES R., Associate Professor of Chemical Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1951–53.*) 1928.

LORD, JAMES O., Associate Professor of Metallurgy, The Ohio State University, Columbus, Ohio. 1946.

LORSCH, HAROLD G., Assistant Professor of Civil Engineering, College of the City of New York, New York, N. Y. 1948.

LOTHERS, JOHN E., Professor of Architectural Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1947.

LOTT, ARWYNE O., Assistant Designer, Southern Services, Inc., 1928 16th Avenue South, Birmingham, Ala. 1941.

LOTTES, JOHN C., Assistant Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1951.

LOUGH, EDWIN B., Field Representative, Technical Publications, D. Van Nostrand Co., 2260 Pelham Ave., Los Angeles, Calif. 1945.

LOVAN, JAMES E. Instructor, Technical Department, Central Radio and Television Schools, Kansas City, Mo. 1950.

LOVE, JOSEPH E., JR., Assistant Professor of Civil Engineering, Northwestern Technological Institute, Evanston, Ill. 1948.

LOVELL, ALFRED H., Professor and Chairman, Dept. of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1920.

LOVELL, WILLIAM E., Professor of Electrical Engineering, University of Saskatchewan, Saskatoon, Sask. 1937.

LOVETT, I. H., Professor and Head, Electrical Engineering Dept., Missouri School of Mines, Rolla, Mo. 1921.

LOVING, ROBERT O., Associate Professor of Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1942.

LOWE, CLIFFORD B., Assistant Professor of Physics, South Dakota School of Mines, Rapid City, S. D. 1949.

LOWE, GEORGE B., Drainage Engineer, G. B. Lowe Company, Pasadena, Texas. 1950.

LOWE, THOMAS M., Director, School of Hydraulic Engineering, Louisiana State University, Baton Rouge, La. 1928.

LOWE, WILKYE B., Instructor in Engineering Drawing, University of Houston, Houston, Texas. 1949.

LOWE, WILLIAM J., Professor of English, Clarkson College, Potsdam, N. Y. 1947.

LOWEKE, GEORGE P., Associate Professor of Engineering Mechanics, Wayne University, Detroit, Mich. 1943.

LOWRY, WALTER L., JR., Professor and Head, Dept. of Civil Engineering, Clemson College, Clemson, S. C. 1950.

LOWRY, WAYNE H., Consumer Relations, The International Harvester Co., Chicago, Ill. 1949.

LOYD, C. M., Assistant Professor of Physics, West Virginia Institute of Technology, Montgomery, W. Va. 1949.

LOYE, DONALD P., Lecturer in Engineering and Consulting Engineer, University of California, Los Angeles, Calif. 1950.

LOYE, EDWARD S., Associate Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1947.

LU, TAN C., Associate Professor of Mechanical Engineering, Howard University, Washington, D. C. 1950.

LUBELFELD, JERZY, Assistant Professor of Mathematics, University of Detroit, Detroit, Mich. 1948.

LUBSEN, R. J., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1951.

LUCARINI, GENO B., Chief Engineer, Lovejoy Tool Co., Inc., Springfield, Vt. 1929.

LUCAS, ERNEST L., COL., 3000 39th St., N.W., Washington 16, D. C. 1939.

LUCAS, FRANK B., Associate Professor and Head, Dept. of Electrical Engineering, University of Miami, Coral Gables, Fla. 1948.

LUCAS, JAMES H., Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

LUCAS, ROBERT L., Lt., Bureau of Ordnance, Navy Dept., Washington 25, D. C. 1947.

LUCAS, WILLIAM A., Instructor in Mathematics, Stevens Institute, Hoboken, N. J. 1949.

LUCE, ALEXANDER W., Professor and Head, Dept. of Mechanical Engineering, Pratt Institute, Brooklyn 5, N. Y. 1932.

LUCITTE, EARNEST A., Instructor in Mathematics, Detroit Institute of Technology, Detroit, Mich. 1950.

LUCK, LEON D., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1948.

LUDDEN, DWIGHT J., Apt. 6, 546 South Court, Montgomery, Ala. 1933.

LUDEWIG, JOSEPH W., Rear Admiral, U. S. N., Retired, Associate Professor of Metallurgical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1947.

LUDT, RANDALL W., Professor of Chemical Engineering, Michigan State College, East Lansing, Mich. 1939.

LUDWICKSON, JAMES K., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1938.

LUDY, LLEWELLYN V., Professor Emeritus, Mechanical Engineering, Purdue University, Lafayette, Ind. (Home: 600 Russell St., West Lafayette, Ind.) *Life member.* 1902.

LUEBBERS, RALPH H., Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1939.

LUEBS, AUGUST A., Professor of Mechanical Engineering, University of Nebraska, Lincoln 3, Nebr. 1921.

LUECHT, JOHN W., Assistant Professor of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

LUECK, DAVID W., Assistant Professor of Aeronautical Engineering, USAF Institute of Technology, Wright AF Base, Dayton, Ohio. 1949.

LUEDER, DONALD R., Research Associate, Civil Engineering Dept., Cornell University, Ithaca, N. Y. 1948.

LUKE, CHARLES D., Professor and Chairman, Department of Chemical Engineering, Syracuse University, Syracuse 10, N. Y. 1939.

LUKE, EDWIN D., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

LUKENS, ARCH M., Head, Mechanical Engineering, New Mexico College of A. & M., State College, N. M.

LUKENS, HIRAM S., Director, Department of Chemistry and Chemical Engineering, University of Pennsylvania, Philadelphia, Pa. 1935.

LUKER, ALBERT G., Assistant Professor of Engineering Social Humanities, South Dakota State School of Mines and Technology, Rapid City, S. D. 1947.

LUKER, JAMES A., Assistant Professor of Chemical Engineering, University of Denver, Denver, Colo. 1951.

LUND, CLARENCE E., Professor of Engineering and Asst. Director, Engineering Experiment Station, University of Minnesota, Minneapolis, Minn. 1948.

LUND, PHILIP S., Instructor in Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1950.

LUNDBERG, GUSTAVE H., Assistant Professor of Applied Mathematics, Vanderbilt University, Nashville, Tenn. 1944.

LUNDQUIST, ELMER C., Associate Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

LUSHINE, JAMES A., Instructor in Drawing, University of Minnesota, Minneapolis, Minn. 1950.

LUSK, JAMES B., Associate Professor of Mechanical Engineering, Purdue University, West Lafayette, Ind. 1945.

LUTHER, H. B., Williams Thoms Professor of Civil Engineering, University of Cincinnati, Cincinnati, Ohio. 1914.

LUTZ, SAMUEL G., Head, Communication and Miniaturization Section, Research and Development Labs., Hughes Aircraft Co., Culver City, Calif. 1939.

LUZADDER, WARREN J., Associate Professor of General Engineering, Purdue University, Lafayette, Ind. 1943.

LYFORD, WILLARD C., Instructor in Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

LYMAN, JOHN H., Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

LYMAN, JOHN R., Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1951.

LYNAM, WILLIAM A., Associate Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1947.

LYNCH, S. A., Head, Geology Department, Texas A. & M. College, College Station, Texas. 1948.

LYNN, JOSEPH T., Assistant Professor of Physics, North Carolina State College, Raleigh, N. C. 1945.

LYON, GEORGE B., Assistant Professor of Civil Engineering, 97 Elm St., Stoneham 80, Mass. 1947.

LYON, J. A. M., Associate Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1947.

LYTLE, CHAS. W., Professor of Industrial Engineering, New York University, New York 53, N. Y. 1922.

LYTLE, NELSON E., Instructor in Engineering, Olympic Junior College, Bremerton, Wash. 1950.

MABIE, HAMILTON H., Associate Professor of Machine Design, Cornell University, Ithaca, N. Y. 1941.

MACALPINE, DAVID M., Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1946.

MACARTNEY, THOMAS W., Instructor in General Engineering, University of Washington, Seattle, Wash. 1948.

MACCONOCHIE, ARTHUR F., Professor and Head of Mechanical Engineering, University of Virginia, Charlottesville, Va. 1951.

MACCULLOUGH, GLEASON H., Head and Professor of Engineering Mechanics, Worcester Polytechnic Institute, Worcester, Mass. 1922.

MACCURDY, W. K., Instructor in Civil Engineering, Stanford University, Stanford University, Calif. 1948.

MACDONALD, ALBERT E., Dean of Engineering & Architecture, Universtiy of Manitoba, Winnipeg, Manitoba, Canada. 1951.

MACDONALD, JAMES R., Assistant Professor of Chemical and Metallurgical Engineering, University of Denver, Denver, Colo. 1943.

MACDONALD, JOHN A., Instructor in Mathematics, Wentworth Institute, Boston, Mass. 1948.

MACDONNELL, ROBERT B., Associate Professor of Physics, Fairfield University, Fairfield, Conn. 1943.

MACDUFF, JOHN N., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

MACELWANE, JAMES B., Dean, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

MACFARLANE, CARL S., Instructor in English-Personnel, Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

MACHOVINA, PAUL E., Associate Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio. 1945.

MACHWART, GEORGE M., Professor of Chemical Engineering, Michigan College of M. & T., Houghton, Mich. 1941.

MACINTOSH, A. NORMAN, Associate Professor of Geology, Michigan College of M. & T., Houghton, Mich. 1943.

MACK, DAVID J., Assistant Professor, Mining and Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1943.

MACKAVANAGH, THOMAS J., Professor and Chairman, Dept. of Electrical Engineering, Catholic University of America, Washington, D. C. 1943.

MACKAY, SCOTT, Professor of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1936.

MACKEN, DON R., Coordinator of Conferences, University Extension Division, University of Tennessee, Knoxville, Tenn. 1950.

MACKENZIE, DONALD H., Dean, Lincoln Technical Institute, Northeastern University, Boston, Mass. 1946.

MACKENZIE, JOHN M., Assistant Professor of Mechanical Engineering, University of Minnesota, St. Paul, Minn. 1948.

MACKENZIE, WILLIAM N., President, Treasurer & Director, Terryville Water Co., Wallingford, Conn. 1950.

MACKEY, CHARLES O., Professor of Heat-Power, Cornell University, Ithaca, N. Y. 1942.

MACKIN, FRANK L., Chairman, Machine Shop Dept., General Motors Institute, Flint, Mich. 1945.

MACKINNON, JOSEPH C., Registrar, Massachusetts Institute of Technology, Cambridge, Mass. 1939.

MACKINTOSH, CHARLES, Instructor in Engineering, Extension Dept., University of California, Los Angeles, Calif. 1950.

MACLEAN, EDWARD A., Professor and Head, Dept. of Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1937.

MACNAUGHTON, EDGAR, Professor of Mechanical Engineering, Tufts College, Medford 55, Mass. 1916.

MACPHERSON, KEITH B., Instructor in Civil Engineering, University of New Hampshire, Durham, N. H. 1951.

MACQUIGG, CHARLES E., Dean, College of Engineering, The Ohio State University, Columbus 10, Ohio. (*President, 1947–48; First Vice President, 1942–43; Member of Council, 1939–40, 1947–51.*) 1937.

MADDEN, ARTHUR J., Instructor in Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1945.

MADDOCK, JOHN K., Editor, Science and Industry Div., John Wiley & Sons, Inc., 440 Fourth Ave., New York City. 1943.

MAECHLER, HUGO C., Assistant Professor of Drawing, University of Wisconsin Extension, Milwaukee, Wis. 1951.

MAEDEL, GEORGE F., Vice President and General Superintendent, RCA Institutes, 350 West 4th St., New York 14, N. Y. 1948.

MAGGI, AGUSTIN, Dean Facultad de Ingenieria, Universidad de la Republica, Montevideo, Uruguay, S. A. 1943.

MAGNUSON, ELMER G., Instructor in Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1948.

MAGNUSON, ELTON E., Executive Vice President, Lus-Trus Extruded Plastics, Inc., Box 624, Ann Arbor, Mich. 1943.

MAGNUSSON, PHILIP C., Assistant Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1948.

MAGUIRE, JACK H., Instructor in Civil and Architectural Engineering, University of Colorado, Boulder, Colo. 1950.

MAHER, JOHN E., Instructor in Mechanical Training, Institute of Applied Arts & Sciences, State University of New York, Buffalo, N. Y. 1950.

MAIN, KENNETH L., Instructor in Electrical Engineering, 1815 First Ave. E., Cedar Rapids, Iowa. 1950.

MAINARDI, MARCUS N., Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1949.

MAINARDI, POMPEY, Associate Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1935.

MAINS, LAURENCE P., Assistant Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1937.

MAINS, ROBERT M., Applied Physics Lab., Johns Hopkins University, 8621 Georgia Ave., Silver Spring, Md. 1943.

MAJESKE, LEONARD M., Registered Consultant Engineer, Detroit 28, Mich. 1949.

MAJOR, COLEMAN J., Associate Professor of Chemical Engineering, University of Iowa, Iowa City, Ia. 1950.

MAKENS, ROYAL F., Professor of Chemistry, Michigan College of M. & T., Houghton, Mich. 1945.

MAKIELSKI, JOHN P., Registrar, Illinois Institute of Technology, Chicago 16, Ill. 1948.

MALCOLM, DONALD G., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

MALE, CHARLES T., Associate Professor of Civil Engineering, Union College, Schenectady, N. Y. 1943.

MALEEV, VLADIMIR L., Lecturer in Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1947.

MALLETT, FRANK M., Associate Professor of Aeronautical Engineering, Ohio State University, Columbus 10, Ohio. 1944.

MALLON, ARTHUR H., Instructor in Applied Mechanics. 1947.

MALLORY, DONALD D., Vice President in Charge of Engineering, Toledo Scale Co., Toledo 12, Ohio. 1941.

MALLORY, WALTER F., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1949.

MALMBERG, BEN O., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1948.

MALONEY, JAMES D., JR., Assistant Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

MALONEY, JAMES O., Professor and Head, Dept. of Chemical Engineering, University of Kansas, Lawrence, Kans. 1946.

MALONEY, LINUS D., Instructor of English, Pratt Institute, Brooklyn, N. Y. 1948.

MANAHAN, JERVIS R., Instructor in Woodworking, School of Technology, University of Houston, Houston, Texas. 1951.

MANCILL, JULIAN D., Professor of Mathematics, University of Alabama, Tuscaloosa, Ala. (On leave: In charge of graduate training in engineering, Redstone Arsenal, Huntsville, Ala.) 1951.

MANDERFIELD, NICHOLAS H., Professor and Head of Mineral Dressing, Michigan College of M. & T., Houghton, Mich. 1937.

MANEY, CHARLES T., Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1951.

MANGASARIAN, RICHARD D., Assistant Professor of Civil Engineering, Newark College of Engineering, Newark, N. J. 1949.

MANGNALL, DAVID H., Evening Supervisor, Coordinator of Special Courses, Newark College of Engineering, Newark, N. J. 1949.

MANIFOLD, GEORGE O., Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1948.

MANILDI, JOSEPH F., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1949.

MANN, JOHN H. C., Professor of Structural Engineering, Virginia Military Institute, Lexington, Va. 1951.

MANN, PAUL, Associate Professor of Electrical Engineering, University of Idaho, Moscow, Idaho. 1949.

MANN, RICHARD A., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1950.

MANNING, EDWARD G., Assistant Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1950.

MANNING, H. L., Head, Dept. of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1938.

MANNING, MELVIN L., Development Engineer, The Pennsylvania Transformer Co., Canonsburg, Pa. 1940.

MANNUCCIA, HERBERT, Instructor, School of Engineering and Architecture, Catholic University of America, Washington, D. C. 1949.

MANSKY, CLARENCE B., Research Associate, Ordnance Research Laboratory, Pennsylvania State College, State College, Pa. 1943.

MANSON, PHILIP W., Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1947.

MANTELL, MURRAY I., Associate Professor of Civil Engineering, University of Miami, Coral Gables, Fla. 1947.

MANUEL, FRANKLIN A., Instructor in Engineering Drawing, Franklin Technical Institute, Boston, Mass. 1948.

MARA, HUBERT W., Associate Professor of Drawing and Mathematics, Norwich University, Northfield, Vt. 1939.

MARBLE, HAROLD E., Student, Educational Evaluation, Syracuse University, Syracuse 10, N. Y. 1948.

MARCH, GUY E., Professor of Mathematics, South Dakota School of M. & T., Rapid City, S. D. 1946.

MARCHANT, GUY B., Professor of Mathematics, Evansville College, Evansville, Ind. 1927.

MARCHANT, JOHN H., Chairman, Division of Engineering, Brown University, Providence, R. I. 1949.

MARCO, HERBERT F., Associate Professor of Mechanics, USAF Institute of Technology, Dayton, Ohio. 1949.

MARCO, SALVATORE M., Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1937.

MARCOUX, HELIODORE A., Professor of Mechanical Engineering, University of Arizona, Tucson, Arizona. 1944.

MARCUS, LEO, Instructor, Technical Institute, Purdue University, Indianapolis, Ind. 1949.

MAREK, CLARENCE T., Associate Professor of General Engineering, Purdue University, Lafayette, Ind. 1946.

MARGOSIAN, JOHN W., Senior Engineer, Radar Department, Airborne Insts. Laboratories, Brooklyn, N. Y. 1947.

MARIN, AXEL, Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1941.

MARIN, JOSEPH, Professor of Engineering Mechanics; Research Professor of Engineering Materials, The Pennsylvania State College, State College, Pa. *Fourth Recipient, George Westinghouse Award (1949).* 1931.

MARION, CECIL P., Assistant Professor of Engineering Drawing, Mississippi State College, State College, Miss. 1949.

MARKLE, E. W., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1923.

MARKLEY, JAMES M., Director of Mechanics Trng., Eastern Air Lines, Inc., 3150 S.W. 19th Terrace, Miami, Fla. 1943.

MARKOWITZ, JESSE, Assistant Professor of Drafting, College of the City of New York, New York, N. Y. 1950.

MARMO, E. JOSEPH, Professor and Head of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1940.

MARQUIS, F. W., Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. *(Member of Council, 1936–39.)* 1910.

MARR, ROBERT A., JR., Professor and Head, Civil Engineering, Virginia Military Institute, Lexington, Va. 1951.

MARSCHALK, HENRY E., Head, Publications Branch, Bureau of Ordnance, Navy Dept., Washington, D. C. 1951.

MARSCHNER, F. W., Executive Assistant, New Departure Div., General Motors Corporation, Detroit, Mich. 1945.

MARSEL, CHARLES J., Associate Professor of Chemical Engineering, New York University, New York, N. Y. 1950.

MARSH, EDWARD H., II, Instructor in Civil Engineering, University of Connecticut, Storrs, Conn. 1950.

MARSH, IRA A., Instructor in Mechanical Engineering, Tulane University, New Orleans, La. 1950.

MARSH, JAMES C., Instructor in Mathematics, Wyano, Pa. 1949.

MARSH, MALCOLM R., Instructor in Civil Engineering, The Rice Institute, Houston, Texas. 1945.

MARSH, R. WARREN, Instructor in Physics, New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1949.

MARSHALL, ALPHEUS R., Professor of Industrial Management, Georgia Institute of Technology, Atlanta, Ga. 1950.

MARSHALL, GILBERT A., Instructor in Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

MARSHALL, OSCAR J., Professor of Surveying and Geodesy, University of Toronto, Toronto, Canada. 1940.

MARSHALL, ROGER P., Professor of English, North Carolina State College, Raleigh, N. C. 1948.

MARSHALL, STANLEY C., Assistant to the Director, Penn Technical Institute, Pittsburgh, Pa. 1951.

MARSHALL, THOMAS G., Personnel and Placement Officer, 911 Cedar St., Richland, Wash. 1949.

MARSTON, GEORGE A., Dean, School of Engineering, Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1938.

MARTEENA, J. M., Dean, School of Engineering, A. & T. College, Greensboro, N. C. 1943.

MARTHINSEN, JOHN, Instructor in Civil Engineering, Lafayette College, Easton, Pa. 1947.

MARTIN, ALLAN E., Assistant Professor of Metallurgy, University of Minnesota, Minneapolis, Minn. 1951.

MARTIN, ARWOOD J., Instructor in Electronics, Wentworth Institute, Boston, Mass. 1951.

MARTIN, BRUCE W., Instructor in General Engineering, Los Angeles City College, Los Angeles, Calif. 1933.

MARTIN, DEAN W., Instructor in Physics, Purdue University Extension, Indianapolis, Ind. 1949.

MARTIN, EDWIN R., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

MARTIN, FRANK L., Head, Department of Civil Engineering, Pennsylvania Military College, Chester, Pa. 1938.

MARTIN, GEORGE H. 1946.

MARTIN, GEORGE P., Acting Head, Dept. of Aeronautical Engineering, Lawrence Institute of Technology, Highland Park, Mich. 1948.

MARTIN, JAMES W., Professor and Head, Dept. of Agricultural Engineering, University of Idaho, Moscow, Idaho. 1946.

MARTIN, JEAN-MARIE, Head, Dept. of Public Relations, Laval University, Montreal, Que., Canada. 1951.

MARTIN, JOSEPH J., Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1941.

MARTIN, PHILIP C., Director, New York State Institute of Applied Arts and Sciences, White Plains, N. Y. 1949.

MARTIN, ROSS J., Associate Director of Engineering Experiment Station, University of Illinois, Urbana, Ill. 1947.

MARTIN, W. H., Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1913.

MARTIN, WILLARD J., Assistant Professor of Chemistry, South Dakota School of Mines, Rapid City, S. D. 1950.

MARTIN, WILLIAM L., Assistant Engineer, University of California, Los Angeles, Calif. 1950.

MARTINEZ, JOHN L., Assistant Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1950.

MARTINEZ, JOSE E. 1949.

MARTINSON, EARL P., Professor and Head, Industrial Engineering Dept., University of Florida, Gainesville, Fla. 1948.

MARTON, EMERY, Instructor in Civil Engineering, Newark College of Engineering, Newark, N. J. 1949.

MASER, HAROLD T., Manager, Employee Relations Division, International General Electric Company, 570 Lexington Ave., New York, N. Y. 1950.

MASLAN, FRANK, Assistant Professor of Chemical Engineering, New York University, New York, N. Y. 1949.

MASON, HIRAM R., Professor and Head, Dept. of Electrical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1939.

MASON, HENRY L., Research Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1945.

MASON, HOWARD W., Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

MASON, J. W., Dean of Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

MASON, MARTIN A., Dean of Engineering, George Washington University, Washington, D. C. 1951.

MASON, PAUL M., Instructor in Engineering Drawing, Texas A. & M. College, College Station, Texas. 1947.

MASON, WENDELL E., Professor of Engineering, University of California at Los Angeles, Calif. 1939.

MASS, MARVIN L., Research Engineer, Armour Research Foundation, Illinois Institute of Technology, Chicago, Ill. 1948.

MASSARI, SILVIO C., Technical Director, American Foundrymen's Society, 616 S. Michigan, Chicago, Ill. 1949.

MASSER, CHESTER L., Chairman of Electronics, School of Technology, University of Houston, Houston, Texas. 1951.

MASSON, DAVID J., Instructor in Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1948.

MASSON, DONALD L., Associate Professor and Chairman, Mining and Metallurgy Depts., State College of Washington, Pullman, Wash. 1948.

MASSON, HENRY J., Assistant Dean, Graduate Division, New York University, New York, N. Y. 1935.

MASUCCI, ERNEST J., Director of Training, Ind. Relations, Bendix Aviation, Utica, N. Y. 1949.

MATCHETT, GERALD J., Associate Professor of Business and Economics, Illinois Institute of Technology, Chicago, Ill. 1951.

MATAR, JOSEPH E., Instructor in Mathematics, Marquette University, Milwaukee, Wis. 1949.

MATHAUSER, ELDON E., Instructor in Engineering Mechanics. 1946.

MATHER, NORMAN W., Associate Professor of Electrical Engineering, Princeton University, Princeton, N. J. 1949.

MATHES, SAMUEL R., Assistant Professor of Engineering Drawing, University of Miami, Coral Gables, Fla. 1950.

MATHEWSON, CHAMPION H., Professor Emeritus of Metallurgy, Yale University, New Haven, Conn. *Life member.* 1921.

MATHEWSON, JOHN H., Professor of Engineering, University of California at Los Angeles, Calif. 1947.

MATHIS, HAROLD F., Associate Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. (In Service: Lt., Inspector of Naval Material, 205 W. Monroe, Chicago, Ill.) 1950.

MATLOCK, JOSEPH R., Associate Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1946.

MATSCH, LEANDER W., Senior Electrical Engineer, Armour Research Foundation, Illinois Institute of Technology, Chicago, Ill. 1949.

MATSON, RAY M., Professor and Head, Dept. of Mechanical Engineering, Southern Methodist University, Dallas, Texas. 1937.

MATTHAEI, RICHARD, Instructor in Mining, Missouri School of Mines, Rolla, Mo. 1948.

MATTHES, GEORGE F., Professor and Head, Dept. of Mechanical Engineering, Louisiana State University, University, La. 1935.

MATTILL, JOHN I., Sec., ECRC, (On leave.) 358 Lexington Ave., Iowa City, Ia. 1948.

MATTSON, DALE W., Professor and Head of Civil Engineering Dept., Tennessee Polytechnic Institute, Cookeville, Tenn. 1946.

MAUGH, LAWRENCE C., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1940.

MAVIS, FREDERIC T., Professor and Head, Dept. of Civil Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. (*Member of Council, 1948–50.*) 1929.

MAXEY, RUSSELL B., Associate Professor of Civil Engineering, University of South Carolina, Columbia 2, S. C. 1947.

MAXFIELD, DAVID K., Librarian, University of Illinois, Navy Pier, Chicago 11, Ill. 1943.

MAXFIELD, HAROLD A., Professor and Head, Dept. of Electrical Engineering, U. S. Naval School, General Line, Newport, R. I. 1925.

MAXSON, GEORGE R., Professor of Engineering Drawing, University of Oklahoma, Norman, Okla. 1949.

MAXWELL, ROBERT L., Associate Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1948.

MAY, ADOLF D., JR., Research Assistant in Civil Engineering, Purdue University, Lafayette, Ind. 1951.

MAY, DONALD C., Mathematician, U. S. Civil Service, Bureau of Ordnance, Navy Dept., Washington, D. C. 1949.

MAY, JAMES E., Assistant Professor of Mechanical Engineering, University of Virginia, Charlottesville, Va. 1946.

MAY, JAMES W., Technical Director, Air Filter Division, American Air Filter Co., Louisville, Ky. 1949.

MAY, JOHN R., Instructor in Chemical Engineering, Iowa State College, Ames, Iowa. 1950.

MAY, MARVIN C., Associate Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1947.

MAYER, JOHN K., Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1937.

MAYER, KURT L., Associate Professor of Physics, Worcester Polytechnic Institute, Worcester, Mass. 1948.

MAYO, SAMUEL J., Instructor in Electrical Engineering, 3616 Normandy, Dallas 5, Texas. 1948.

MAYROSE, HERMAN E., Professor of Engineering Mechanics, University of Detroit, Detroit 21, Mich. 1940.

MCADAMS, WILLIAM H., Professor of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1932.

MCAMIS, J. C., JR., Assistant Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1951.

MCBEE, DARWIN L., Instructor in General Engineering, South Dakota School of Mines, Rapid City, S. D. 1949.

MCBRIDE, C. D., Assistant Professor of Industrial Engineering, Utah State Agricultural College, Logan, Utah. 1950.

MCBRIDE, GUY T., Assistant Professor of Chemical Engineering, Associate Dean of Students, The Rice Institute, Houston, Texas. 1951.

MCCABE, BASIL, Member, Tech. Staff, Bell Tel. Labs., 463 West St., New York, N. Y. 1950.

MCCABE, BROTHER JOSEPH, FSC, Assistant Professor of Civil Engineering, Manhattan College, New York 71, N. Y. 1943.

MCCABE, WARREN L., Vice President and Director of Research, Flintkote Co., Whippany, N. J. 1949.

MCCAIN, DEWEY M., Professor and Head, Dept. of Civil Engineering, Mississippi State College, State College, Miss. 1933.

McCallick, Hugh E., Assistant Dean, Schools of Technology, University of Houston, Houston, Texas. 1950.

McCann, Franklin T., Associate Professor of English, Alabama Polytechnic Institute, Auburn, Ala. 1949.

McCann, Gilbert D., Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1946.

McCarthy, James A., Associate Professor of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1939.

McCarthy, Joseph L., Associate Professor of Chemical Engineering, University of Washington, Seattle, Wash. 1949.

McCauley, Roy B., Instructor in Welding Engineering, Ohio State University, Columbus, Ohio. 1943.

McClain, Fred H., Professor and Chairman, Dept. of Electrical Engineering, University of Denver, Denver, Colo. 1921.

McClaren, George D., Director, Industrial Relations, The Magnavox Company, Fort Wayne, Ind. 1949.

McClay, Clarence H., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1951.

McClellan, Thomas J., Assistant Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1950.

McClintock, Edwin C., Professor of English, University of Virginia, University, Va. 1939.

McClung, James D., Assistant Professor of Engineering Drawing and Design, University of Texas, Austin 12, Texas. 1943.

McClure, Oscar E., Associate Professor of Physics and Electrical Engineering, Ohio University, Athens, Ohio. 1937.

McColly, Howard F., Professor of Agricultural Engineering, Michigan State College, East Lansing, Mich. 1950.

McConnell, Robert K., Instructor in Mathematics, New York University, New York City. 1942.

McConnon, Myles, Associate Professor of Mathematics, Norwich University, Northfield, Vt. 1948.

McCoole, Robert F., Technical Personnel Manager, Monsanto Chemical Co., St. Louis, Mo. 1948.

McCord, Robert E., Instructor in Engineering, Extension, Pennsylvania State College, State College, Pa. 1949.

McCormack, John T., Assistant Professor of Geology and Metallurgy, Purdue University, Lafayette, Ind. 1946.

McCormack, Ralph H., Professor of Chemical Engineering, University of Detroit, Detroit 21, Mich. 1937.

McCormick, Frank J., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1948.

McCormick, James P., Assistant Professor of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1951.

McCready, Donald W., Associate Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

McCreary, Bruce C., 306 Raritan Ave., Bound Brook, N. J. 1948.

McCrocklin, Andrew J., Jr., Assistant Professor of Electrical Engineering, University of Texas, Austin, Texas. 1947.

McCrumm, John D., Chairman, Division of Engineering, Swarthmore College, Swarthmore, Pa. 1936.

McCuen, Glen W., Professor and Chairman, Dept. of Agricultural Engineering, The Ohio State University, Columbus, Ohio. 1943.

McCullough, Frank M., Professor Emeritus, Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (*Life member.*) 1910.

McCully, Harry M., Service Engineer, Clark Bros. Co., Inc., Olean, N. Y. 1948.

McCurdy, Henry B., Managing Editor and Assistant Manager, College Dept., Macmillan Company, 60 5th Avenue, New York City. 1936.

McDill, William H., Assistant Professor of Engineering, Texas Western College, El Paso, Texas. 1947.

McDonald, A. P. 1949.

McDonald, James B., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1947.

McDonald, Paul E., Manager, Production Education and Training Dept., Service Section, General Motors Corp., Detroit, Mich. 1950.

McDonald, Raymond N., Mechanical Engineering, University of California Scientific Lab., Los Alamos, N. M. 1944.

McDonough, Edward C., Instructor in Mechanical Engineering, Institute of Applied Arts & Sciences, State University of New York, Buffalo, N. Y. 1950.

McDowell, Edward L., Instructor in Mechanics, Illinois Institute of Technology, Chicago, Ill. 1950.

McDowell, Elmer H., Instructor in Industrial Drafting, Kansas Technical Institute, Topeka, Kans. 1951.

McDowell, Lois G., Instructor in Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1950.

McDuffie, Roy O., Professor of Metallurgy, University of Cincinnati, Cincinnati, Ohio. 1948.

McEachron, Karl B., Jr., Manager, Technical Education Division, General Electric Co., Schenectady 5, N. Y. (*Member of Council, 1951–53.*) 1945.

McElhany, Jarvis C., Director, Education-Training, Research Labs., General Motors Corp., Detroit, Mich. 1949.

McElwee, Lawrence T., Coordinator, University of Detroit, Detroit, Mich. 1950.

McEnany, Mike V., Associate Professor of Electrical Engineering, The Rice Institute, Houston, Texas. 1943.

McEntyre, John G., Assistant Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1949.

McEwen, William R., Associate Professor and Head, Dept. of Mathematics, University of Minnesota, Minneapolis, Minn. 1945.

McFarlan, Harold J., Assistant Professor of Geodesy and Surveying, University of Michigan, Ann Arbor, Mich. 1941.

McFarland, James D., Professor of Drawing, University of Texas, Austin, Texas. 1938.

McFarland, Reginald A., Professor and Head, Dept. of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1939.

McFarlin, Frank E., Route No. 1, Ponca City, Okla. 1949.

McFerrin, Charles H., Laboratory Instructor in Mechanical Engineering, Tri-State College, Angola, Ind. 1951.

McGauhey, Percy H., Research Engineer Civil Engineering, University of California, Berkeley, Calif. 1946.

McGaw, Alex J., Professor and Head, Civil Engineering Dept., University of Wyoming, Laramie, Wyoming. 1951.

McGee, Florence M., Assistant Librarian, Michigan College of M. & T., Houghton, Mich. 1945.

McGehee, Edward M., Graduate Student, Linguistics, University of Chicago, 6016 Woodlawn Ave., Chicago 37, Ill. 1949.

McGivern, James G., Dean of Engineering, Gonzaga University, Spokane, Wash. 1936.

McGlashan, Donald W., Associate Research Professor, Dept. of Mineral Dressing, Montana School of Mines, Butte, Mont. 1949.

McGrady, Denton D., Assistant Professor of Chemical and Metallurgical Engineering, Michigan State College, East Lansing, Mich. 1939.

McGregor, Douglas M., President, Antioch College, Yellow Springs, Ohio. 1949.

McGuire, Carl W., Associate Professor of Economics, University of Colorado, Boulder, Colo. 1947.

McGuire, Francis X. N., President, Villanova College, Villanova, Pa. 1949.

McGuire, John G., Professor of Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1939.

McGuire, Noel C., Assistant Professor of Drawing, University of Texas, Austin, Texas. 1945.

McHugh, Edward, Professor and Head, Dept. of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1947.

McIlroy, Malcolm S., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1937.

McIlvain, John M., Chief of Industrial Engineering Division, Atlantic Refining Co., Philadelphia, Pa. 1944.

McIlvaine, William D., Jr., Professor of General Engineering, Director, Engineering Extension and Placement Service, University of Alabama, University, Ala. 1947.

McIntire, Sumner H., Associate Professor of Physics, Norwich University, Northfield, Vt. 1950.

McIntosh, W. R., Professor and Head of Civil Engineering, University of Louisville, Louisville, Ky. 1948.

McIntosh, William G., Professor of Mechanical Engineering, University of Toronto, Toronto, Canada. 1943.

McIntyre, Harry J., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1946–48.*) 1939.

McKean, James P., Professor of General Engineering, Iowa State College, Ames, Iowa. 1943.

McKee, Edd R., Dean, College of Technology, University of Vermont, Burlington, Vt. (*Member of Council, 1949–51.*) 1934.

McKee, Harry L., Assistant Professor of Drawing and Descriptive Geometry, Carnegie Institute of Technology, Pittsburgh, Pa. 1938.

McKee, Jack E., Associate Professor of Sanitary Engineering, California Institute of Technology, Pasadena, Calif. 1950.

McKee, Ollie G., Jr., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1948.

McKee, Robert E., Associate Professor of Production Engineering, University of Michigan, Ann Arbor, Mich. 1946.

McKenna, Joseph V., Assistant Professor of Industrial Engineering, State University of New York, Harpus College, Endicott, N. Y. 1949.

McKenry, Nell, Assistant Secretary, Emeritus, American Society for Engineering Education, Schenley Apts., Pittsburgh 13, Pa. (*Assistant Secretary, 1918–48.*) *Life member.* 1923.

McKenzie, Otis D. 1948.

McKeon, Jesse C., Manager, University Relations, Westinghouse Electric Corporation, East Pittsburgh, Pa. (*Member of Council, 1949–51.*) 1944.

McKergow, C. M., Professor of Mechanical Engineering, Retired, McGill University, Montreal, Canada. (*Member of Council, 1927–30.*) *Life member.* 1913.

McKevitt, John, Instructor in Civil Engineering, Marquette University, Milwaukee, Wis. 1950.

McKinley, James L., Director, Northrop Aeronautical Institute, 1515 E. Broadway, Hawthorne, Calif. 1948.

McKinney, James, Executive Vice President, American Technical Society, Chicago, Ill. 1943

McKinnon, Roy A., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

McLaughlin, Robert B., Radio Engineer in Electronics, Civil Aeronautics Administration, 8–562, Box 440 Anchorage, Alaska. 1950.

McLaurin, Banks, Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1927.

McLean, Donald H., Lecturer in Civil Engineering, University of Alabama, University, Ala. 1947.

McLean, Lee V., Associate Professor of Electrical Engineering, Louisiana State University, Baton Rouge, La. 1948.

McLean, William G., Professor and Head, Dept. of T. & A. Mechanics, Lafayette College, Easton, Pa. 1939.

McLenegan, David W., Manager, Technical Personnel, Nucleonics Dept., General Electric Co., Richland, Wash. 1946.

McMahon, Thurmul F., Assistant Professor of Civil Engineering, University of Kansas, Lawrence, Kans.

McManus, John F., Assistant to the Dean, Cornell University, Ithaca, N. Y. 1951.

McMillan, Claude R., Jr., Instructor in Civil Engineering, University of South Carolina, Columbia, S. C. 1946.

McMillan, Fred O., Professor and Head, Dept. of Electrical Engineering, Oregon State College, Corvallis, Ore. 1932.

McMillen, Elliott L., Professor and Head, Dept. of Chemical Engineering, Lafayette College, Easton, Pa. 1938.

McMilin, Kenneth M., Assistant Professor of Mathematics, U. S. Air Force Institute of Technology, Dayton, Ohio. 1949.

McMinn, Bryan T., Professor and Executive Officer, Mechanical Engineering Dept., University of Washington, Seattle, Wash. 1939.

McMurray, Orvil G., Assistant Professor of Mechanical Engineering, Michigan State College, Lansing, Mich. 1949.

McNair, Arthur J., Professor of Civil Engineering and Head, Dept. of Surveying, Cornell University, Ithaca, N. Y. 1935.

McNair, J. Stuart, Instructor in Mathematics, Canal Zone Junior College, Balboa Heights, Canal Zone. 1943.

McNeal, Xzin, Associate Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1950.

McNeary, Matthew, Professor and Head of Engineering Drawing, University of Maine, Orono, Maine. 1937.

McNeese, Donald C., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1948.

McNeill, William C., Jr., Associate Professor of Civil Engineering, Tennessee A. & I. State College, Nashville, Tenn. 1951.

McNown, John S., Associate Professor of Mechanics and Hydraulics, University of Iowa, Iowa City, Iowa. 1946.

McNulty, Edmund B., Dean, School of Engineering, Seattle University, Seattle, Wash. 1950.

McPherson, Murray B., Associate Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1950.

McQuiston, Clyde E., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio. 1951.

McRee, Fitzhugh L., Professor of Civil Engineering, Texas Technological College, Lubbock, Texas. 1938.

McRight, Ralph B., Adjunct Professor of General Engineering, University of South Carolina, Columbia, S. C. 1948.

MEADE, KENNETH A., Director, College and University Relations, General Motors Corp., Detroit, Mich. 1940.

MEADOWCROFT, NORMAN, Design Engineer, Guided Missile Project, Northrop Aircraft, Inc., Hawthorne, Calif. 1942.

MEANS, R. E., Professor of Architecture and Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1947.

MEARES, JEFFERSON S., Professor, Dept. of Physics, North Carolina State College, Raleigh, N. C. 1937.

MEDE, DOUGLAS E., Associate Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1951.

MEDLIN, JOHN W., Consulting Engineer, 601 Colquitt St., Houston, Texas. 1943.

MEEKER, JACK A., Research Analyst, Boeing Aircraft, Seattle 66, Wash. 1949.

MEES, ROBERT T., Assistant Consulting Engr., Administrative Dept., Caterpillar Tractor Co., Peoria, Ill. 1947.

MEESE, RICHARD H., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1950.

MEHL, ROBERT F., Professor and Head, Dept. of Metallurgical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1947.

MEHLENBACHER, LYLE E., Professor and Director, Dept. of Mathematics, University of Detroit, Detroit, Mich. 1948.

MEIER, EDWIN B., Assistant Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1946.

MEIER, OTTO, JR., Associate Professor of Electrical Engineering, Duke University, Durham, N. C. 1943.

MEIER, PAUL T., District Representative, Adm. Dept., Purdue University, Hammond, Ind. 1951.

MEIGS, HOWARD H., Associate Professor of Mechanics, University of Alabama, University, Ala. 1943.

MEIKLE, G. STANLEY, Director, Research Relations with Industry, Research Director, Purdue Research Foundation, Purdue University, Lafayette, Ind. 1947.

MELLOH, ARTHUR W., Vice Director, Engineering Experiment Station, A. & M. College of Texas, College Station, Texas. 1948.

MELLOW, EERNEST W., Assistant Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1949.

MELMAN, SEYMOUR, Instructor in Industrial Engineering, Columbia University, New York, N. Y. 1949.

MELTON, JAMES O., Instructor in Mechanics, University of Oklahoma, Norman, Okla. 1949.

MELVILLE, THOMAS J., Montello, Wis. 1947.

MELVIN, EUGENE A., Research Engineer, Frederick Res. Corp., Silver Spring, Md. 1950.

MELVIN, HAROLD W., Dean of Students, Northeastern University, Boston, Mass. 1932.

MEMORY, NICHOL H., Director of Admissions, Stevens Institute of Technology, Hoboken, N. J. 1936.

MENDES DA ROCHA, PAULO DE MENEZES, Escola Polytechnica, de Sao Paulo, Sao Paulo, Brazil, S. A. 1943.

MENDIOLA, ALFREDO, Director, Escuelo Nacional de Ingenieros, Lima, Peru, S. A. 1945.

MENDOUSSE, JEAN S., Associate Professor of Civil Engineering, The Catholic University of America, Washington, D. C. 1951.

MENGER, KARL, Professor of Mathematics, Illinois Institute of Technology, Chicago, Ill. 1951.

MENOHER, WADE L., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1943.

MENZEL, T. ARTHUR, College Employment Coordinator, Personnel Dept., New York Telephone Company, New York, N. Y. 1951.

MENZEL, WILLIAM E., Head, Dept. of Civil Engineering, Lawrence Institute of Technology, Highland Park, Mich. 1948.

MEOLA, ROBERT R., Instructor in Electrical Engineering, Newark College of Engineering, Newark, N. J. 1948.

MERCANTI, ENRICO P., Instructor in Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1950.

MEREDITH, WILBUR R., Associate Professor of Engineering Administration, Case Institute of Technology, Cleveland, Ohio. 1949.

MERGEN, FRANCIS C., Assistant Professor of Industrial Engineering, Bradley University, Peoria, Ill. 1950.

MERIAM, JAMES L., Associate Professor of Engineering Design, University of California, Berkeley, Calif. 1945.

MERKLEY, CHARLES N., Associate Professor of Woodwork and Building Construction, Utah State Agricultural College, Logan, Utah. 1950.

MERRIAM, KENNETH G., Professor of Aeromechanics, Worcester Polytechnic Institute, Worcester, Mass. *Life member.* 1925.

MERRIAM, ROBERT W., Instructor in Electrical Engineering, Swarthmore College, Swarthmore, Pa. 1950.

MERRICK, CHARLES M., Professor of Administrative Engineering, Lafayette College, Easton, Pa. 1929.

MERRILL, LYNN L., Professor of Mathematics and Director of Graduate Study, Clarkson College, Potsdam, N. Y. 1948.

MERRILL, ROBERT A., Associate Professor and Head, Engineering Dept., University of Chattanooga, Chattanooga, Tenn. 1949.

MERRITT, CLARENCE W., Associate Professor of Ceramic Engineering, New York State College of Ceramics, Alfred, N. Y. 1937.

MERRITT, HAROLD W., Associate Professor of Physics, Cooper Union, New York City. 1927.

MERRYFIELD, FRED, Professor of Sanitary Engineering, Oregon State College, Corvallis, Ore. 1938.

MESERVE, GEORGE H., JR., Professor of History and Art, Northeastern University, Boston, Mass. 1929.

MESERVE, WILBUR E., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

MESSENHEIMER, A. E., Assistant Professor of Machine Design, Kansas State College, Manhattan, Kans. 1947.

MESSENHEIMER, ALVA D., Patent Examiner, U. S. Patent Office, Washington, D. C. 1947.

MESSER, ROWLAND E., Instructor in General Engineering, University of Washington, Seattle, Wash. 1950.

MESSERSMITH, CHARLES W., Professor of Experimental Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

MESSINGER, H. CALVERT, Director Coordination and Placement, University of Cincinnati, Cincinnati, Ohio. 1946.

METCALF, ABBIE H., Librarian, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1942.

METZ, DONALD C., Associate Professor and Director, Technical Institute Dept., University of Dayton, Dayton 9, Ohio. 1947.

METZ, LOUIS C., Instructor in Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

METZENHEIM, HENRY H., Associate Professor of Electrical Engineering, Comptroller, Newark College of Engineering, Newark, N. J. 1926.

METZLER, DONALD E., Assistant Professor of M. & H., State University of Iowa, Iowa City, Iowa. 1950.

MEYER, ANDRE J., Professor of Mechanical Engineering, University of Kentucky, Lexington, Ky. 1951.

Meyer, Carl F., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1937.

Michaelson, Jesse L., Administrative Assistant, General Electric Co., Schenectady, N. Y. 1948.

Michalos, James P., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1945.

Michaluk, William, Instructor in Metal Processing, Detroit Institute of Technology, Detroit, Mich. 1951.

Michalowicz, Joseph C., Associate Professor of Electrical Engineering, Catholic University of America, Washington, D. C. 1944.

Michel, Philip L., Professor and Head of Aeronautical Engineering, North Carolina State College, Raleigh, N. C. 1950.

Michels, Walter J., Instructor in Mechanical Engineering, West Virginia Institute of Technology, Montgomery, W. Va. 1950.

Michelsen, Ernest A., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1948.

Michener, W. H., Associate Professor of Physics, Allegheny College, Meadville, Pa. 1947.

Middendorf, Henry Q., Dean of Men, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1940.

Midgette, E. L., Professor and Head, Dept. of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

Mikhail, Saad L., Assistant Lecturer in Electrical Engineering, Farouk I University, Alexandria, Egypt. (611 W. 114th St., Apt. 3A, New York 25, N. Y.) 1948.

Milbradt, Kenneth P., Assistant Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1948.

Miles, Henry J., Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1938.

Miles, Hugh S., Jr., Associate Professor of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1951.

Miles, John C., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1939.

Miles, Marie A., 2219 21st St., Lubbock, Texas. 1949.

Milke, Anne H., Library Assistant, Michigan College of M. & T., Houghton, Mich. 1946.

Millar, Adam V., Assistant Dean, Emeritus, University of Wisconsin, Madison, Wis. (Home: Rt. 3, Woodsmere, Orlando, Fla.) 1914.

Miller, A. Harvey, Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

Miller, Alfred L., Professor of Mechanics and Structures, University of Washington, Seattle, Wash. 1927.

Miller, Andrew L., Instructor in Electrical Engineering, Cleveland, Ohio. 1945.

Miller, Bruce J., Personnel Administrator, Linde Air Products Co., Snyder, N. Y. 1950.

Miller, Charles A., Associate Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1937.

Miller, Charles M., Professor of Engineering, University of Wichita, Wichita, Kans. 1947.

Miller, Cleophas W., III, Instructor in Electrical Engineering, Prairie View A. & M. College, Prairie View, Tex. 1951.

Miller, Donald B., Assistant to the Dean, School of Engineering, Columbia University, New York 27, N. Y. 1947.

Miller, Douglas W., Executive Secretary, Case Institute of Technology, Cleveland, Ohio. 1948.

Miller, Edward, Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1948.

Miller, Edwin L., Jr., Associate Professor of Geology, North Carolina State College, Raleigh, N. C. 1946.

Miller, Edwin W., Captain, USAF Procurement Division, Air Material Command, Dayton, Ohio. 1947.

Miller, Forrest E., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1926.

Miller, Frederic H., Professor and Head, Dept. of Mathematics, Cooper Union, New York 3, N. Y. *(Member of Council, 1951–53.)* **1941.**

Miller, H. W., Chairman and Professor of Mechanics and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1922.

Miller, Harry L., Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1948.

Miller, Howard M., Personnel Consultant, Engineering Dept., E. I. du Pont de Nemours & Company, Wilmington, Dela. 1951.

Miller, James P., Jr., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Miller, Jeanne I., Editor, Technical Education News, McGraw-Hill Book Company, New York, N. Y. 1951.

Miller, John B., Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1941.

Miller, John M., Electrical Engineer, Ralph M. Parsons Co., 2670 Banbury Place, Los Angeles 65, Calif. 1948.

Miller, Lorin G., Dean, School of Engineering, Michigan State College, East Lansing, Mich. *(Member of Council, 1950–52.)* **1937.**

Miller, Marshall L., Professor and Head, Engineering Placement, Speed Scientific School, Louisville, Ky. 1949.

Miller, Percival F., Materials Engineer, Procurement Division, Office of Chief of Engineers, Building T7, Washington 25, D. C. 1944.

Miller, Ralph B., Assistant Professor of Engineering, Box 150, California State Polytechnic College, San Luis Obispo, Calif. 1950.

Miller, Richard C., Professor of Agricultural Engineering, The Ohio State University, Columbus, Ohio. 1946.

Miller, Richard W., Instructor in Industrial Engineering, New York State Agricultural and Technical Institute, Canton, N. Y. 1949.

Miller, Shelby A., Professor of Chemical Engineering, University of Kansas, Lawrence, Kans. 1945.

Miller, Wallace J., Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

Miller, Walter H., Assistant Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1944.

Miller, Ward M., Instructor in Applied Mathematics, Kansas State College, Manhattan, Kans. 1949.

Miller, William J., Professor and Head, Dept. of Electrical Engineering, University of Alabama, University, Ala. 1923.

Miller, William T., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1930.

Millian, James J. 1948.

Milligan, William E., Associate Professor of Metallurgy, Yale University, New Haven, Conn. 1933.

Millman, Jacob, Associate Professor of Electrical Engineering, College of the City of New York, New York, N. Y. 1942.

Millor, William J., Professor of Classical Languages, John Carroll University, Cleveland, Ohio. 1949.

MILLS, BARRISS, Professor and Head, English Dept., Purdue University Lafayette, Ind. 1951.

MILLS, BLAKE D., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1947.

MILLS, ERNEST E., Instructor in Mechanical Engineering, Northeastern University, Boston, Mass. 1951.

MILLS, JACK P., Assistant Professor of General Engineering, Iowa State College, Ames, Iowa. 1951.

MILLS, PETER J., Associate Professor of Physics, Director, Parmly Foundation for Auditory Research, Illinois Institute of Technology, Chicago 16, Ill. 1943.

MILLS, ROBERT W., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1945.

MINER, DOUGLAS F., Director, Student Personnel and Welfare, Carnegie Institute of Technology, Pittsburgh 13, Pa. (*Member of Council, 1946–49.*) 1938.

MINER, H. READ, Assistant Professor of General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1949.

MING, FREDERICK W., Professor of Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1918.

MINGINS, CHARLES R., Director, Research Laboratory of Physical Electronics, Tufts College, Medford, Mass. 1945.

MINKLER, HAROLD L., Administrative Assistant to Foundry Plant Manager, Ford Motor Company, 7401 S. Cicero Ave., Chicago 29, Ill. 1942.

MINNICH, JOHN H., Professor of Civil Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1942.

MINOR, OSCAR E., Assistant Professor of Engineering, University of Rochester, Rochester, N. Y. 1949.

MINSHALL, ROBERT E., Professor of Structural Engineering, The Pennsylvania State College, State College, Pa. 1921.

MIRABELLI, EUGENE, Associate Professor of Structural Design, Massachusetts Institute of Technology, Cambridge, Mass. 1935.

MIRGAIN, FRANK C., Professor and Head, Dept. of Civil Engineering, Cooper Union, New York, N. Y. 1935.

MIRSKY, ARON L., Assistant Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1951.

MITCHELL, FRED T., President, Mississippi State College, State College, Miss. 1949.

MITCHELL, JOHN H., Instructor in English, University of Massachusetts, Amherst, Mass. 1950.

MITCHELL, LOUIS, Dean Emeritus, College of Applied Science, Syracuse University, Syracuse 10, N. Y. (*Member of Council, 1938–41.*) *Life member.* 1913.

MITCHELL, ROBERT I., Supervisor of Training, Inland Steel Co., East Chicago, Ind. 1949.

MITCHELL, WARREN I., Assistant Professor of Civil Engineering, Iowa State College, Ames, Ia. 1947.

MITCHELL, WILLIAM H., Vice President and Manager, College Department, T. Y. Crowell Co., 432 Fourth Ave., New York 16, N. Y. 1943.

MITTEN, LORING G., Instructor of Industrial Engineering, Ohio State University, Columbus, Ohio. 1948.

MITTENDORF, EDWARD M., Director of Utilities, University of Virginia, P. O. Box 1638, Charlottesville, Va. 1949.

MITTET, HOLGER P., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1946.

MOBLEY, CHARLES A., JR., Program Development, General Motors Institute, Flint, Mich. 1948.

MOCHEL, MYRON G., Associate Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1943.

MOCK, CLIFTON O., Associate Professor of Drawing, University of Kentucky, Lexington, Ky. 1929.

MOCKMORE, CHARLES A., Professor and Head, Dept. of Civil Engineering, Oregon State College, Corvallis, Ore. (*Member of Council, 1938–41; 1950–52.*) 1927.

MOE, DENNIS L., Research Engineer, Agricultural Engineering Dept., South Dakota State College, Brookings, S. Dakota. 1951.

MOEBIUS, CHARLES M., College of Engineering, University of Arizona, Tucson, Ariz. 1948.

MOELLER, ARTHUR C., Instructor in Mathematics, Marquette University, Milwaukee, Wis. 1946.

MOELLER, CLIFFORD M., School of Civil Engineering, Cornell University, Ithaca, N. Y. 1950.

MOEN, WALTER B., 15 Farragut Road, Plainfield, N. J. 1941.

MOENCH, HERMAN A., Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1934.

MOESEL, F. CHARLES, Assistant Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

MOFFAT, GEORGE N., Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1925.

MOHN, PAUL E., Dean, School of Engineering, and Head, Dept. of Mechanical Engineering, University of Buffalo, Buffalo 14, N. Y. 1947.

MOLD, HOWARD P., Director of Training, Aeronautical Engrg. Division, Minneapolis-Honeywell Regulator Company, Minneapolis 8, Minn. 1947.

MOLINA, EDWARD C., Special Lecturer in Mathematics, Newark College of Engineering, 141 Dodd St., E. Orange, N. J. 1947.

MOLSTAD, MELVIN C., Acting Director, Department of Chemical Engineering, University of Pennsylvania, Philadelphia 4, Pa. 1937.

MOLTRECHT, KARL E. H., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. (On leave: Graduate Work, University of Michigan.) 1950.

MONAHAN, RAYMOND E., Instructor in Engineering Drawing, University of Minnesota, Minneapolis, Minn. 1950.

MONDSCHEIN, JULIUS, Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1949.

MONGAN, EDWIN L., JR., Instructor in Chemical Engineering, University of Cincinnati, Cincinnati, Ohio. 1948.

MONK, CLARENCE B., JR., Associate Research Engineer in Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

MONOHON, PAUL J., Instructor in Civil Engineering, University of Detroit, Detroit, Mich. 1948.

MONRAD, CARL C., Professor and Head, Chemical Engineering, Department, Carnegie Institute of Technology, Pittsburgh, Pa. 1948.

MONROE, ROBERT E., Mgr., Eastern District, College Dept., McGraw-Hill Book Co., Inc., New York, N. Y. 1950.

MONTEITH, ALEXANDER C., Vice President, Engineering Department, Westinghouse Electric Corp., Pittsburgh 30, Pa. 1945.

MONTGOMERY, SIGMUND J., Associate in Industrial Engineering, Columbia University, New York, N. Y. 1951.

MONTILLON, GEORGE H., Process Development Engineer, Carbon & Carbide Chemical Corp., Oak Ridge, Tenn. 1925.

MONTONNA, RALPH E., Director, Engineering Experiment Station, University of Minnesota, Minneapolis 14, Minn. 1945.

MONTZ, JOHN M., Associate Professor of Civil Engineering, The Ohio State University, Columbus, Ohio. 1943.

MOODY, ARTHUR M. G., Chief Blower Engineer, Elliott Co., Jeannette, Pa. 1936.

MOODY, LEWIS F., Professor of Hydraulic Engineering, Emeritus, Princeton University. (Home: 930 Woodland Ave., Princeton, N. J.) 1912.

MOONEY, COLUMBUS V., Associate Professor of Engineering, Texas College of A. & I., Kingsville, Texas. 1948.

MOORE, ARTHUR D., Professor of Electrical Engineering, Head Mentor, University of Michigan, Ann Arbor, Mich. 1926.

MOORE, BILL C., Associate Professor of Mathematics, Texas A. & M. College, College Station, Texas. 1948.

MOORE, EARL R., Instructor in Mechanical Engineering, University of Connecticut, Storrs, Conn. 1930.

MOORE, EMMETT B., Professor and Head, Dept. of Civil Engineering, State College of Washington, Pullman, Wash. 1936.

MOORE, HARRY D., Associate Professor of Industrial Engineering, Ohio State University, Columbus, Ohio. 1947.

MOORE, HOLLISTER, Staff Representative, Student Activities, Society of Automotive Engineers, Inc., 351 Morris Ave., Mountain Lakes, N. J. 1944.

MOORE, JOHN R., 818 Pine Ridge Knoll, Fullerton, Calif. 1947.

MOORE, JOSEPH E., Professor and Head of Psychology Dept., Georgia Institute of Technology, Atlanta, Ga. 1949.

MOORE, JOSEPH H., Assistant Professor of Civil Engineering, Pennsylvania State College, State College, Pa. 1948.

MOORE, KENNETH H., Professor of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1944.

MOORE, MARK B., Associate Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1938.

MOORE, RICHARD K., Research Engineer, Electronics Dept., Sandia Corp., Albuquerque, N. M. 1948.

MOORE, ROBERT F., Consultant, Rogers & Slade, 342 Madison Ave., New York City. 1944.

MOORE, ROBERT J., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1949.

MOORE, TOM E., Dept. of Chemistry, Oklahoma A. & M. College, Stillwater, Okla. 1948.

MOORE, VINCENT J., Instructor in Mathematics, University of Colorado, Boulder, Colo. 1946.

MOORE, WALTER L., Associate Professor of Civil Engineering, University of Texas, Austin, Tex. 1947.

MOORHOUSE, CHARLES E., Dean of the Faculty of Engineering, Dept. of Electrical Engineering, University of Melbourne, Victoria, Australia. 1948.

MOORMAN, ROBERT B. B., Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1946.

MOOSE, PERRY E., Associate Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1937.

MORALES, MACEDO G., Director of Industries in Peru, 205 Tupac Amaro, San Isidor, Lima, Peru. 1940.

MORDOFF, WILLIAM E., Associate Professor of Engineering Drawing, Cornell University, Ithaca, N. Y. 1946.

MOREHOUSE, J. STANLEY, Dean of Engineering, Professor and Head, Dept. of Mechanical Engineering, Villanova College, Villanova, Pa. 1935.

MOREL, ROY W. F., Assistant Professor of Chemical Engineering, University of Louisville, Louisville 8, Ky. 1947.

MORELOCK, MOLETE J., Librarian in Charge of Engineering Library, University of Missouri, Columbia, Mo. 1950.

MOREY, CHARLES W., President, Chicago Technical College, 2000 So. Michigan Ave., Chicago, Ill. 1925.

MOREY, LESLIE G., Vice President, Chicago Technical School, Chicago, Ill. 1947.

MORGAN, ADRIAN J., Instructor in Electrical Engineering, University of Dayton, Dayton, Ohio. 1949.

MORGAN, CARL W., Assistant Professor of Civil Engineering, University of Texas, Austin, Texas. 1948.

MORGAN, CHARLES, Instructor in Mechanical Engineering, San Diego State College, San Diego, Calif. 1949.

MORGAN, HAROLD E., Professor of Physics, Fenn College, Cleveland, Ohio. 1948.

MORGAN, JAMES M. JR., Assistant Professor of Mechanics and Drawing, Virginia Military Institute, Lexington, Va. 1951.

MORGAN, JESSE P., Assistant Professor of Mechanical Engineering, New Mexico College of A. & M., State College, N. M. 1950.

MORGAN, JOHN C., Associate Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1940.

MORGAN, MILLETT G., Director of Research, Assistant Professor of Electrical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1941.

MORGAN, NEWLIN D., Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1948.

MORGAN, PHILIP F., Associate Professor of Sanitary Engineering, State University of Iowa, Iowa City, Iowa. 1949.

MORGAN, ROBERT B., Sylvania Elec. Products Co., Kew Gardens, Queens, N. Y. 1948.

MORGAN, THEODORE H., Professor and Head, Dept. of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. *(Member of Council, 1935–38, 1951–53.)* 1927.

MORGEN, RALPH A., Director, Engineering and Industrial Experiment Station, University of Florida, Gainesville, Fla. 1938.

MORIARTY, JOHN H., Director of Libraries, Purdue University, Lafayette, Ind. 1951.

MORIER, HENRI, Assistant Military and Air Attache, Legation of Switzerland, Washington, D. C. 1948.

MORITZ, HAROLD K., Professor of Hydraulics, Civil Engineering Dept., University of Washington, Seattle, Wash. 1950.

MORLEY, RAYMOND K., Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922.

MORLEY, ROBERT F., Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1948.

MORRAL, F. R., Head, Diffraction Dept., Div. of Metallurgical Research, Kaiser Aluminum & Chemical Co., P. O. Box 1451, Spokane 6, Wash. 1948.

MORRILL, BERNARD, Assistant Professor of Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1947.

MORRIS, CLYDE T., Professor Emeritus of Civil Engineering, The Ohio State University, Columbus, Ohio. 1907.

MORRIS, EDWIN W., Manager, Engineering and Service Div., Westinghouse Electric Corp., Los Angeles, Calif. 1949.

MORRIS, FRANKLIN C., Professor of Drawing, University of Oklahoma, Norman, Okla. 1950.

MORRIS, FREDERICK C., Assistant Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1941.

MORRIS, HENRY M., JR., Professor and Head Civil Engrg. Dept., Southwestern Louisiana Inst., Lafayette, La. 1942.

MORRIS, LLOYD P., Chief, Engineering Systems Division, Motorola, Inc., 4545 Augusta Blvd., Chicago 1, Ill. 1945.

MORRIS, SAMUEL B., General Manager and Chief Engineer, Dept. of Water and Power, Los Angeles, Calif. 1935.

MORRIS, VERA T., Instructor in Mathematics, Purdue University, Lafayette, Ind. 1951.

MORRISON, EDWIN O., Instructor in Civil Engineering. 1948.

MORRISON, JAMES B., Assistant Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1948.

MORRISON, ROGER L., Professor of Highway Engineering and Highway Transport, University of Michigan, Ann Arbor, Mich. 1925.

MORROW, ELMAN A., Associate Professor of Physics, William Jewell College, Liberty, Mo. 1950.

MORROW, HAROLD W., Instructor in Engineering Mechanics, University of Florida, Gainesville, Fla. 1949.

MORSE, FREDERICK T., Professor of Mechanical Engineering, University of Virginia, University, Va. 1946.

MORSE, PARK L., Assistant Professor of Chemical Engineering, 1501 Donaldson, San Antonio, Texas. 1948.

MORSE, REED F., Professor and Head, Department of Civil Engineering, Kansas State College, Manhattan, Kans. 1929.

MORTON, PAUL L., Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1939.

MORY, SAMUEL A., JR., Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1948.

MOSELEY, CORLISS C., President, Cal-Aero Technical Institute, 130 Air Way, Glendale 1, Calif. 1948.

MOSER, KENNETH J., Associate Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1939.

MOSES, ROBERT G., Chairman, Engineering and Technology, Pasadena City College, Pasadena, Calif. 1946.

MOSHER, RAYMOND F., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1950.

MOSHER, RICHMOND P., Instructor in Industrial Chemistry, New York State Institute, Buffalo, N. Y. 1950.

MOSS, CARL R., Professor & Head, Dept. of Engineering Administration, Michigan College of M. & T., Houghton, Mich. 1949.

MOSSMAN, THIRZA A., Associate Professor of Mathematics, Kansas State College, Manhattan, Kans. 1944.

MOTA, CALOR C., Professor of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. 1925.

MOULTON, EDWARD Q., 236 Colonial Lane, Palm Beach, Fla. 1949.

MOULTON, RALPH W., Professor of Chemical Engineering, University of Washington, Seattle, Wash. 1944.

MOULTON, REXFORD, Assistant Professor of Mechanical Engineering, 21549 Gregory Ave., Dearborn, Mich. 1947.

MOUNT, GEORGE E., Assistant Professor of Psychology and Engineering, University of California, Los Angeles, Calif. 1950.

MOWBRAY, ALPHEUS Q., JR., Assistant Professor of T. & A. M., University of Illinois, Urbana, Ill. 1950.

MOYER, RALPH A., Professor of Civil Engineering, University of California, Berkeley, Calif. 1929.

MUCKENHIRN, OSCAR W., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

MUDGE, WILLIAM A., Director, Technical Service, International Nickel Co., 67 Wall St., New York 5, N. Y. 1946.

MUDGETT, ALBERT G., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1948.

MUELLER, GEORGE V., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1926.

MUELLER, JAMES I., Associate Professor of Ceramic Engineering, University of Washington, Seattle, Wash. 1949.

MUELLER, ROBERT F., Instructor in Drafting, Milwaukee School of Engineering, Milwaukee, Wis. 1951.

MUHLENBRUCH, CARL W., Associate Professor of Civil Engineering, Northwestern Technological Institute, Evanston, Ill. 1943.

MUHLHAUSEN, EDGAR K., Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1950.

MULLEE, WILLIAM R., Professor of Administrative Engineering, New York University, New York, N. Y. 1946.

MULLEN, C. F., Chairman, Science Division, Professor of Physics, Siena College, Loudonville, N. Y. 1943.

MULLER, HENRY N., JR., Assistant to the Vice President, Westinghouse Electric Corp., East Pittsburgh, Pa. 1945.

MULLIGAN, JAMES E., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1947.

MULLINS, B. F. K. 1938.

MUMFORD, ALBERT R., Dev. Engr., Engineering Research, Combustion Engineering Superheater, Inc., New York 16, N. Y. 1949.

MUMFORD, CAREY G., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1937.

MUMMERT, HAROLD B., Associate Professor of Mechanical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1944.

MUNDEL, MARVIN E., Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1941.

MUNDT, AUGUST J., Apt. B, 3734 Peach Tree Rd., Atlanta, Ga. 1942.

MUNGER, ELMER L., Zone Engineer, Ladd-Eielson Residency, U. S. Engineer Dept., Fairbanks, Alaska. (Add.: APO 937, c/o P. M., Seattle, Wash.) 1950.

MUNGER, HAROLD H., Assistant Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1945.

MUNI, HARRY W., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1949.

MUNRO, GEORGE W., Professor of Thermodynamics, Retired, Purdue University, Lafayette, Ind. *Life member.* 1915.

MUNSCHAUER, JOHN L., Director, Placement Service, Cornell University, Ithaca, N. Y. 1949.

MURDOUGH, JAMES H., Professor and Head, Dept. of Civil Engineering, Texas Technological College, Lubbock, Texas. 1926.

MURPHY, EDWARD P., Management Specialist, Training Dept., A. O. Smith Corporation, Milwaukee, Wis. 1951.

MURPHY, EUGENE F., Assistant Director for Research, Prosthetic and Sensory Aids Service, Veterans Administration, New York 11, N. Y. 1939.

MURPHY, GLENN, Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. (*Member of Council, 1946–47.*) 1929.

MURPHY, GRETA W., Director of Public Relations, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

MURPHY, GORDON J., Instructor in Electronics, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

MURPHY, JOHN H., Professor and Head, Law Dept., Milwaukee School of Engineering, Milwaukee, Wis. 1947.

MURPHY, JOHN W., Tool Design Definition, Stevens Institute of Technology, Hoboken, N. J. 1944.

MURPHY, LINDON J., Professor of Sanitary Engineering, University of Missouri, Columbia, Mo. 1930.

MURPHY, NELSON F., Research Professor of Chemical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1941.

MURPHY, THOMAS E., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

MURPHY, WILLIAM G., Assistant Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1947.

MURRAY, THOMAS A., Instructor in Electrical Engineering. 1948.

MURRAY, WILLIAM A., Professor and Head, Dept. of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

MURRAY, WILLIAM M., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

MURRISH, CHARLES H., Instructor in Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1949.

MUSCH, EDWARD J., Instructor in Mathematics, University of Louisville, Louisville, Ky. 1950.

MUSTER, DOUGLAS F., Instructor in Mechanics, Illinois Institute of Technology, Chicago, Ill. 1950.

MYERS, EDWIN D., Associate Professor of Civil Engineering, Mississippi State College, State College, Miss. 1947.

MYERS, FRANK E., Professor and Head, Dept. of Physics, Lehigh University, Bethlehem, Pa. 1938.

MYERS, HENRY S., Assistant Professor of Chemical Engineering, City College of New York, New York, N. Y. 1950.

MYERS, HOWARD D., Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922.

MYERS, JOHN C., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1948.

MYERS, JOHN E., Assistant Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1951.

MYERS, LESLIE R., Associate Professor of Mechanical Engineering, University of Houston, Houston, Texas. 1949.

MYERS, PHILLIP S., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

MYKLESTAD, NILS O., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1950.

NACE, HENRY W., Professor of Mathematics, Lawrence Institute of Technology, Highland Park, Mich. 1948.

NADEAU, ROBERT L., Bldg. 157, U. S. N. Amphibious Base, Coronado, San Diego, Calif. 1948.

NADLER, GERALD, Assistant Professor of Industrial Engineering, Washington University, St. Louis 5, Mo. 1948.

NAETER, ALBRECHT, Professor and Head, Department of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1924.

NAHIKIAN, HOWARD M., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1947.

NAIDEN, JAMES R., Assistant Professor of Humanistic-Social Studies, University of Washington, Seattle, Wash. 1949.

NANCE, ELLWOOD C., President, University of Tampa, Tampa, Fla. 1947.

NARMORE, PHIL B., Executive Dean, Georgia Institute of Technology, Atlanta, Ga. 1934.

NASH, C. A., Associate Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1913.

NASH, RUSSELL W., R.F.D. No. 4, Crooked Lake, Anoka, Minn. 1948.

NEAD, DENNIS M., Research Assistant, Mathematics Dept., Indiana University, Bloomington, Ind. 1948.

NEAL, HENRY P., Professor of Engineering Drawing, Mississippi State College, State College, Miss. 1941.

NEAL, JAMES P., III, Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1950.

NEEDY, JOHN A., Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1919.

NEFF, THOMAS O., Assistant Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1948.

NEILLY, VIRGIL E., Instructor in Engineering, Pennsylvania State College, State College, Pa. 1949.

NELLES, MAURICE, Director of Research, Borg-Warner Corp., Bellwood, Ill. 1947.

NELLIS, A. A., Assistant Professor of Engineering Drawing and Descriptive Geometry, Ohio University, Athens, Ohio. 1947.

NELSON, ALFRED L., Professor and Chairman, Dept. of Mathematics, Wayne University, Detroit, Mich. 1939.

NELSON, CARL W., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1946.

NELSON, DELMAR W., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1929.

NELSON, HERBERT C., Instructor in Engineering, University of Minnesota, Duluth Branch, Duluth, Minn. 1950.

NELSON, HOWARD C., Instructor in Engineering Drawing, University of Illinois, Urbana, Ill. 1948.

NELSON, JOHN A., Personnel Manager, Public Power Corporation, 7 Loukianou St., Athens, Greece. 1949.

NELSON, PAUL H., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1942.

NELSON, RALPH D., Assistant Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1948.

NELSON, WALTER K., Associate Professor of Mathematics, University of Colorado, Boulder, Colo. 1946.

NELSON, WILBUR C., Professor of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

NELSON, WILBUR L., Professor and Head, Dept. of Petroleum Refining, University of Tulsa, Tulsa, Okla. 1941.

NELSON, WILLIAM L., Instructor in Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

NEMECEK, IVAN V., Assistant Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1951.

NESBITT, RICHARD E., Assistant Professor of Mechanical Engineering, University of Miami, Coral Gables, Fla. 1949.

NETELAND, CHRISTIAN L., Senior Drawing Engineer, Utility Commonwealth Edison Co., Chicago 47, Ill. 1947.

NETHHEN, HARLEY J., Professor and Head, Dept. of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1939.

NETHKEN, ROBERT T., Instructor in Electrical Engineering, Lafayette College, Easton, Pa. 1951.

NETTLETON, E. B., Associate Professor of Drawing and Descriptive Geometry, Carnegie Institute of Technology, Pittsburgh, Pa. 1937.

NEU, S. SIDNEY, Associate Professor of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

NEUBAUER, RICHARD A., Instructor in Electrical Engineering, Ohio State University, Columbus, Ohio. 1949.

NEUFFER, FRANK R., Dean of Evening College, University of Cincinnati, Cincinnati, Ohio. 1946.

NEVALDINE, PETER, Head, Industrial Dept., New York State Agricultural and Technical Institute, Canton, N. Y. 1949.

NEVILLE, HARVEY A., Dean of Graduate School, Lehigh University, Bethlehem, Pa. 1943.

NEVIN, FREDERICK E., Instructor in Drawing, School of Mines, Rolla, Mo. 1949.

NEVINS, RALPH G., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1948.

NEWBY, GEORGE E., JR., Instructor, G. E. D., Undergraduate Division, University of Illinois, Navy Pier, Chicago, Ill. 1948.

NEWELL, HOBART H., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925.

NEWHOUSE, DEAN S., Dean of Students, Case Institute of Technology, Cleveland, Ohio. 1949.

NEWHOUSE, KEITH N., Assistant Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1949.

NEWLIN, CHARLES W., Assistant Professor of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1949.

NEWLIN, JOHN T., Assistant Professor of Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1951.

NEWMAN, MARCEL K., Professor & Head of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1937.

NEWMAN, WALTER S., President, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

NEWSOM, CARROLL V., Associate Commissioner for Higher Education, New York State Education Building, Albany 1, N. Y. 1943.

NEWTON, C. ALBRO, Associate Professor of Drawing, University of Tennessee, Knoxville, Tenn. 1949.

NEWTON, DUDLEY, Professor and Head, Dept. of Civil Engineering, Wayne University, Detroit 1, Mich. 1938.

NEWTON, ROBERT E., Professor of Mechanics, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

NEWTON, ROBERT K., Supervisor, Engineering Extension, University of Illinois, Urbana, Ill. 906 W. Green St., Urbana, Ill. 1949.

NICHOLAS, CHARLES P., Professor of Mathematics, U. S. Military Academy, West Point, N. Y. 1950.

NICHOLS, BEN H., Associate Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1930.

NICHOLS, CLYDE R., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1936.

NICHOLS, KENNETH V., Instructor in Electrical Engineering, University of Wisconsin, Madison, Wis. 1951.

NICHOLS, MYRON H., Professor of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1946.

NICHOLS, M. STARR, Assistant Director, State Laboratory of Hygiene, University of Wisconsin, Madison, Wis. 1943.

NICHOLS, NATHANIEL B., Manager of Research Division, Raytheon Mfg. Co., Waltham 54, Mass. 1951.

NICHOLS, VICTOR L., Assistant Professor of Mechanical Engineering, College of the City of New York, New York, N. Y. 1947.

NICHOLSON, NATALIE N., Librarian, Graduate School of Engineering, Harvard University, Cambridge 38, Mass. 1941.

NICKELL, EUGENE H., Instructor in Architectural Engineering, Manhattan State College, Manhattan, Kans. 1950.

NICKELSEN, JOHN M., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

NIEBEL, BENJAMIN W., Instructor in Engineering, Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

NIELSEN, HAROLD, Assistant Professor of Mechanical Engineering, University of Dayton, Dayton, Ohio. 1951.

NIELSEN, JOHN P., Associate Professor of Metal Science and Chemical Engineering, New York University, New York, N. Y. 1949.

NIELSEN, PAUL E., Professor of Physics & Applied Mechanics, Newark College of Engineering, Newark, N. J. 1943.

NIEMI, EDWIN W., Associate Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1946.

NIGHTINGALE, WINTHROP E., Director of Cooperative Work, Northeastern University, Boston 15, Mass. 1925.

NIKIRK, FRANK A., Visiting Professor of Civil Engineering, University of California, Berkeley, Calif. 1943.

NILES, ALFRED S., Professor of Aeronautical Engineering, Stanford University, Stanford University, Calif. 1940.

NILSSON, JAMES W., Instructor in Electrical Engineering, Iowa State College, Ames, Iowa. 1950.

NIMS, ALBERT A., Professor and Chairman, Dept. of Electrical Engineering, Newark College of Engineering, Newark 2, N. J. 1928.

NOBLE, EARL T., 3137 Bracken Rd., Apt. 4, Cincinnati, Ohio. 1948.

NOBLE, KENNETH L., Assistant Professor of Mathematics, University of Denver, Denver, Colo. 1949.

NOLAND, JAMES H., JR., Associate Professor and Acting Chairman, Dept. of Electrical Engineering, University of South Carolina, Columbia, S. C. 1950.

NOLD, HARRY E., Professor and Chairman, Dept. of Mine Engineering, The Ohio State University, Columbus, Ohio. 1937.

NOLLAU, LOUIS E., Professor of Drawing, University of Kentucky, Lexington, Ky. 1928.

NOLSTAD, ARNOLD R., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1947.

NOLTE, ROGER E., Assistant Professor of Electrical Engineering, School of Mines, Rolla, Mo. 1951.

NORDBY, GENE M., Instructor in Civil and Architectural Engineering, University of Colorado, Boulder, Colo. 1951.

NORDENHOLT, GEORGE F., Editor, *Product Engineering*, McGraw-Hill Publishing Co., 330 West 42nd St., New York 18, N. Y. 1931.

NORDQUIST, WILLIAM B., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1948.

NOREEN, ALFRED E., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. (On leave: Lt. JG. USNR, USS BEARSS (DD-654), NPO, New York, N. Y. 1950.

NOREM, BERT H., Associate Professor of Administrative Engineering, Syracuse University, Syracuse, N. Y. 1948.

NOREN, OSCAR B., Instructor in Mechanical Engineering, University of Detroit, Detroit, Mich. 1947.

NORGORD, JOHN T., Instructor in Mechanical Engineering, University of Idaho, Moscow, Idaho. 1949.

NORMAN, CARL A., Professor Emeritus of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. (Home: 221 28th Ave. N., St. Petersburg, Fla.) *Life Member*. 1918.

NORMAN, RALPH P., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1947.

NORRIS, EARLE B., Dean of Engineering, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1924–27; Vice President, 1946–47.*) 1907.

NORRIS, FERRIS W., Professor and Chairman of Electrical Engineering Dept., University of Nebraska, Lincoln, Nebr. 1925.

NORTHCOTT, JOHN A., JR., Head, Department of Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1938.

NORTHCUTT, JOHN R., Representative, Publishing Dept., International Textbook Co., P. O. Box 1098, Bradenton, Fla. 1949.

NORTHROP, BURDETTE K., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1945.

NORTHROP, MILES G., Professor and Head, Dept. of Electrical Engineering, University of Louisville, Louisville, Ky. 1943.

NORTHRUP, RALPH T., Professor and Head, Dept. of Engineering Drawing, Wayne University, Detroit, Mich. 1934.

NORTON, PAUL T., JR., Vice President and Treasurer (Retired), The Kilbourne and Jacobs Mfg. Company, Columbus, Ohio. (*Member of Council, 1934–37.*) 1926.

NOTAR, ERNEST, Head, Building Construction Dept., New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1949.

NOTHMANN, GERHARD A., Chairman, Dept. of Mechanism and Propulsion Research, Armour Research Foundation, Illinois Institute of Technology, Chicago, Ill. 1946.

NOTHSTINE, LEO V., Associate Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1950.

NOTTINGHAM, FRANK O., JR., Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

NOVAK, LEO C., Associate Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1948.

NOYES, LEONARD, Instructor in Management & Personnel, Newark College of Engineering, Newark, N. J. 1948.

NUDD, PHILIP, Associate Professor of Electrical Engineering, Cooper Union, New York, N. Y. 1939.

NUDD, WILLARD E., Registrar and Associate Professor of Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. 1923.

NULSEN, WILLIAM B., Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1936.

NUNN, THOMAS R., Assistant Professor of Engineering, Purdue University Technical Institute, La Porte, Ind. 1949.

NURNBERGER, PAUL A., Head Mathematics and Science, Tri-State College, Angola, Ind. 1949.

NUTT, GEORGE B., Head, Agricultural Engineering Dept., The Clemson Agricultural College, Clemson, S. C. 1949.

NYE, EDWIN P., Assistant Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1949.

NYERGES, GILBERT A. 1948.

NYLAND, WAINO S., Associate Professor of English, University of Colorado, Boulder, Colo. 1948.

NYMAN, ROSS A., Instructor in Woodwork and Building Construction, Utah State Agriculture College, Logan, Utah. 1950.

OAKES, LUTHER S., Overseer, Thayer School of Engineering, 1470 N.W. Bank Bldg., Minneapolis, Minn. 1949.

OAKEY, JOHN A., Professor and Chairman, Dept. of Civil Engineering, North Dakota Agricultural College, Fargo, N. D. 1936.

OBERT, EDWARD F., Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1940.

OBRECHT, MALVERN F., Assistant Professor of Chemical Engineering, Michigan State College, East Lansing, Mich. 1946.

O'BRIEN, EUGENE W., Vice President, W. R. C. Smith Pub. Co., 806 Peachtree St., N.E., Atlanta 5, Ga. 1935.

O'BRIEN, FRANCIS R., Southern Research Institute, 917 S. 20th St., Birmingham, Ala. 1948.

O'BRIEN, MORROUGH P., Dean, College of Engineering, University of California, Berkeley, Calif. 1939.

O'BRIEN, PHILLIP F., Junior Engineer, University of California, Los Angeles, Calif. 1949.

O'BRIEN, ROBERT J., Instructor in Engineering, Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

O'CALLAHAN, KEVIN B., 620 Niagara St., Buffalo, N. Y. 1950.

O'CONNELL, DANIEL J., Associate Professor of Civil Engineering, Manhattan College, New York 63, N. Y. 1931.

O'CONNELL, JOHN G., Assistant Professor of Architecture, Clemson College, Clemson, S. C. 1948.

O'CONNOR, WILLIAM F., Associate Professor of Chemistry, Fordham University, New York, N. Y. 1946.

OCVIRK, FRED W., Research Associate, Mechanical Engineering, Cornell University, Ithaca, N. Y. 1942.

O'DEA, JAMES J., JR., Instructor in Civil Engineering, Columbia University, New York, N. Y. 1949.

ODEN, E. CLARENCE, Chief Process Engineer, Cities Service Refining Corp., Lake Charles, La. 1941.

OEHMKE, GEORGE R., Serviceman, Clark Bros. Co. (Home: 128 North 18th St., Olean, N. Y.) 1949.

O'FARRELL, JOHN B., Technology Librarian, U. S. Naval Air Missile Test Center, Pt. Mugu, Calif. 1941.

O'FIEL, CHARLES G., Supt., Plants and Structures, C.A.A., 1108 Fifth Ave., Fort Worth, Texas. 1943.

OGBURN, S. CICERO, JR., Vice President in Charge of Research and Development Dept., Foote Mineral Co., Philadelphia, Pa. (*Member of Council, 1935–38.*) 1928.

OGLESBY, CLARKSON H., Associate Professor of Civil Engineering, Stanford University, Stanford, Calif. 1946.

OHLSEN, EDWARD H., Associate Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1943.

OJALVO, MORRIS S., Assistant Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1949.

OKURO, ARNOLD R., Instructor in Charge, Automotive Dept., Franklin Technical Institute, Boston, Mass. 1948.

OLDHAM, FRANK D., Professor & Chairman of Chemical Engineering, University of Missouri, Columbia, Mo. 1949.

O'LEARY, JOSEPH A., Instructor in Mechanical Engineering, Washington State College, Pullman, Wash. 1949.

OLER, CHARLES B., Associate Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1949.

OLIPHINT, JOSEPH B., Research Engineer, Military Physics, University of Texas, Austin, Texas. 1947.

OLIVER, JOHN P., Associate Professor of Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1947.

OLIVER, ROBERT M., Associate Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1947.

OLIVER, WILLIAM A., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1928.

OLLIVIER, ARTHUR, Professor of Mathematics, Mississippi State College, State College, Miss. 1948.

OLMSTED, CHARLES T., Associate Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929.

OLMSTED, STERLING P., Assistant Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

OLNEY, RAYMOND, Secretary-Treasurer, American Society of Agricultural Engineers, St. Joseph, Mich. 1943.

OLOWINSKI, EDWARD J., Development Engineer, Engineering Research, Lord Manufacturing Company, Erie, Pa. 1949.

OLSEN, GERNER A., Assistant Professor of Civil Engineering, College of the City of New York, New York, N. Y. 1936.

OLSEN, LAWRENCE E., Instructor in Engineering Drawing, Wilson Branch, Chicago City Junior College, Chicago, Ill. 1951.

OLSEN, LEROY S., Associate Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1940.

OLSEN, ROBERT A., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1948.

OLSON, O. NEIL, Professor and Head, Dept. of Civil Engineering, Marquette University, Milwaukee, Wis. (*Member of Council, 1946–48.*) 1946.

OLSON, OSCAR A., Head, O. A. Olson Mfg. Co., 712 Tenth St., Ames, Iowa. 1915.

OLSON, RICHARD G., Special Instructor in Electrical Engineering, Wayne University, Detroit, Mich. 1950.

O'MEARA, STANLEY R., Dean of Students, Bridgeport Engineering Institute, Bridgeport, Conn. 1947.

ONCKEN, WILLIAM, Director of Training, Naval Ordnance Laboratory, White Oak, Silver Spring 19, Md. 1946.

ONDRA, OTAKAR, Assistant Professor of Civil Engineering, Manhattan College, New York City. 1943.

O'NEILL, RUSSELL R., Lecturer in Engineering, University of California, Los Angeles, Calif. 1948.

ONSTAD, NORDAHL, Research Associate in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

ONUF, BRONIS R., Assistant Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

OPDYKE, JOHN B., Engineer, Lago Oil and Transport Co., Ltd., Box 618, Aruba, Curaco, West Indies. 1937.

OPPENHEIM, ANTONI K., Assistant Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

OPPENHEIMER, FRANK, President, Gramercy Import Co., Inc., New York, N. Y. 1949.

ORBECK, MARTIN J., Professor of Drawing, University of Michigan, Ann Arbor, Mich. 1948.

ORENS, IRVING P., Professor of Physics, and Chairman, Graduate Division, Newark College of Engineering, Newark, N. J. 1947.

ORIARD, LEWIS L., Instructor in Civil Engineering, 3621 Olive St., St. Louis, Mo. 1947.

ORMONDROYD, JESSE, Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1939.

ORMSBEE, ALLEN I., Assistant Professor of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1947.

ORNSTEIN, WILHELM, Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1950.

O'ROURKE, RALPH W., Associate Professor of Engineering, University of Massachusetts, Fort Devens, Mass. 1947.

ORR, WESLEY L., Assistant Dean, College of Engineering, University of California, Los Angeles, Calif. 1945.

ORRIS, JAMES R., Assistant Professor of Civil Engineering, University of Denver, Denver, Colo. 1947.

ORTH, HERBERT D., Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1910.

OSBORN, JOSEPH C., Assistant Professor of Civil Engineering, Montana State College, Bozeman, Mont. 1949.

OSBORN, ROBERT E., Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1943.

OSBORNE, HAROLD S., Chief Engineer, American Tel. & Tel. Co., 195 Broadway, New York City. 1935.

OSBORNE, SHERIDAN, Associate Professor of Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1940.

OSBURN, JAMES O., Associate Professor of Chemical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

OSBURN, OREN E., Associate Professor of Electrical Engineering, Washington State College, Pullman, Wash. (*Member of Council, 1948–50.*) 1932.

O'SHAUGHNESSY, LOUIS, Professor Emeritus of Applied Mechanics, Director of Graduate Studies, Virginia Polytechnic Institute, Blacksburg, Va. 1912.

OSORIO, STRUVE L. A., Associate Professor of Sanitary Engineering, Universidad Central de Venezuela, P. O. Box 525, Caracas, Venezuela. 1950.

OSTERBERG, JORJ O., Associate Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1946.

OSTERBROCK, WILLIAM C., Professor and Head, Dept. of Electrical Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1945.

OSTERHOF, GERARD G., Professor and Head, Dept. of Chemistry, South Dakota State School of Mines, Rapid City, S. D. 1940.

OSTERTAG, CHARLES W., Instructor in Engineering, Purdue University Extension, Indianapolis, Ind. 1949.

OSTHUES, B. BRADLEY, JR., Development Engineer, Arma Corp., Brooklyn, N. Y. (Home: 13 Lincoln Ave., Massapequa Park, Long Island, N. Y.) 1947.

OSWALD, CHARLES T., Chairman, Departments of Science and Engineering, Keystone Junior College, La Plume, Pa. 1942.

OSWALD, ROBERT C., Assistant Professor of Architectural Construction, Washington University, St. Louis, Mo. 1947.

OTHMER, DONALD F., Professor and Head, Dept. of Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1937.

OTHMER, RICHARD T., Assistant Professor of Applied Mechanics, Iowa State College, Ames, Iowa. 1950.

OTIS, CHARLES K., Professor of Agricultural Engineering, University of Minneapolis, Minn. 1947.

OTIS, FRANKLIN F., Assistant Professor and Chairman, Mathematics Dept., Michigan College of Mining and Technology, Sault Ste. Marie, Mich. 1950.

OTT, PERCY W., Professor and Chairman, Dept. of Mechanics, The Ohio State University, Columbus, Ohio. 1925.

OTTER, JOHN V., Consulting Engineer, Boise, Idaho. 1929.

OTTO, CARL E., Associate Professor of Chemistry, University of Maine, Orono, Maine. 1947.

OTTO, CHARLES R., Assistant Professor of Engineering Materials, Cornell University, Ithaca, N. Y. 1946.

OTTO, LOUIS L., Professor of Mechanical Engineering and Heat-Power, Michigan State College, East Lansing, Mich. 1941.

OTTS, LOUIS E., Professor of Civil Engineering, University of Maryland, College Park, Md. 1948.

OVERBEY, JAMES T., Instructor in Aeronautical Engineering, University of Oklahoma, Norman, Okla. 1947.

OVERHOLT, CHRIS A., Treasurer, Indiana Technical College, Fort Wayne, Ind. 1948.

OVESTRUD, MELVIN, Vice President and Works Manager, Pioneer Engineering Works, 1515 Central Ave., Minneapolis, Minn. 1948.

OWEN, HALSEY F., Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1940.

OWEN, HARRY A., Instructor in Electrical Engineering Department, Duke University, Durham, N. C. 1948.

OWEN, SAMUEL P., Associate Professor of General Engineering, Rutgers University, New Brunswick, N. J. 1943.

OWEN, WILLIAM M., Research Assistant Professor of Applied Mech., University of Illinois, Urbana, Ill. 1949.

OWENS, BERL W., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

OWENS, FREDERICK W., Professor and Head Emeritus, Dept. of Mathematics, The Pennsylvania State College, State College, Pa. (Home: 426 East Foster Ave., State College, Pa.) *Life member.* 1926.

OWENS, RALPH G., Professor of Mechanical Engineering, and Assistant Dean of Engineering, Illinois Institute of Technology, Chicago, Ill. 1944.

OWENS, WILLIAM J., Head, Department of Physics, Bridgeport Engineering Institute, Bridgeport, Conn. 1950.

OWNBEY, CHARLES R., Assistant Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1949.

OXFORD, CHARLES W., Assistant Professor of Chemical Engineering, University of Arkansas, Fayetteville, Ark. 1951.

PABST, WILLIAM, Principal, Brooklyn Technical School, Brooklyn, N. Y. 1945.

PACKARD, THEODORE H., Assistant Professor of English, Worcester Polytechnic Institute, Worcester, Mass. 1948.

PADALINO, JOSEPH J., Instructor in Electrical Engineering, Newark College of Engineering, Newark, N. J. 1949.

PADDOCK, RUSSELL G., Professor and Head, Dept. of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1931.

PAFFENBARGER, RALPH S., Professor and Chairman, Dept. of Engineering Drawing, The Ohio State University, Columbus 10, Ohio. 1932.

PAGE, EDWARD L., Instructor in Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

PAGE, FRANK B., Assistant Professor of Mechanical Engineering, University of Rochester, Rochester, N. Y. 1947.

PAGE, RICHARD T., Assistant Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1951.

PAIGE, ARLIE E., Professor and Chairman of Electrical Engineering, University of Denver, Denver, Colo. 1948.

PAINE, ELLERY B., Professor Emeritus of Electrical Engineering, University of Illinois, 606 Pennsylvania Avenue, Urbana, Ill. *Life member.* 1911.

PAINTER, ROBERT J., Assistant Secretary, American Society for Testing Materials, Philadelphia 3, Pa. 1941.

PAINTER, WILLIAM D., Assistant Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1950.

PALEVSKY, GERALD, Instructor in Civil Engineering, New York University, New York, N. Y. 1949.

PALMER, AUBREY E., Assistant Professor of Civil Engineering, Duke University, Durham, N. C. 1946.

PALMER, DELOS M., Director, Delos M. Palmer & Associates, Consulting Engineers, Toledo 12, Ohio. 1933.

PALMER, HARLAN B., Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1939.

PALMER, HERALD K., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1930.

PALMER, LEWIS G., Assistant Professor of Drawing, University of Minnesota, Minneapolis, Minn. 1945.

PALMER, ROBERT K., Assistant Professor in Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

PALMER, STANLEY G., Dean, Engineering College, University of Nevada, Reno, Nev. 1937.

PALMER, THEODORE P., Associate Professor of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind. 1949.

PALMERLEE, ALBERT S., Associate Professor and Chairman, Department of Engineering Drawing, University of Kansas, Lawrence, Kans. 1946.

PALMERTON, LEIGHTON R., Director of Student Personnel, South Dakota School of Mines, Rapid City, S. D. 1940.

PALSGROVE, GRANT K., Professor of Mechanical and Hydraulic Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. (*Member of Council, 1946–52.*) 1918.

PANANIDES, NICHOLAS A., Instructor in Mathematics and Engineering, Bakersfield Junior College, Bakersfield, Calif. 1947.

PANKRANTZ, GEORGE E., Associate Professor of Engineering Drawing, University of Toledo, Toledo, Ohio. 1946.

PANLENER, GLENN F., Assistant Professor of Mechanical Engineering, New Mexico College of A. & M. A., State College, N. M. 1951.

PANLENER, RICHARD J., Director of Industrial Relations, Assistant Professor of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1946.

PANTON, HARRY A., Head, Mathematics, New York State Institute of Applied Arts and Sciences, State University of N. Y., Buffalo, N. Y. 1949.

PANUSKA, FRANK C., Instructor in Mechanical Drawing, Stuyvesant High School, New York, N. Y. 1937.

PAQUETTE, RADNOR J., Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1950.

PARCHEM, JOHN A., Assistant Professor of Aeronautical Engineering, University of Notre Dame, Notre Dame, Ind. (On Leave: Willow Run Supersonic Wind Tunnel, University of Michigan, Detroit, Mich.) 1948.

PARDUE, LOUIS A., Vice President and Director of Graduate Studies, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

PARÉ, EUGENE G., Associate Professor of Technical Drawing, and Assistant Dean of Students, Illinois Institute of Technology, Chicago, Ill. 1943.

PARHAM, GUY H., JR., Assistant Professor of Drawing, University of Tennessee, Knoxville, Tenn. 1949.

PARK, C. W., Professor of English, Emeritus, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1932–35.*) *Life member.* 1915.

PARK, FORD R., Assistant Professor of Engineering Drawing, University of Buffalo, Buffalo, N. Y. 1949.

PARK, H. V., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1938.

PARK, JOHN C., Dean of the Engineering College and Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1931.

PARKE, DAVID M., Instructor in Civil Engineering, Montana State College, Bozeman, Mont. 1951.

PARKE, EDWARD C., JR., Head of Physics, Reedley College, Reedley, Calif. 1947.

PARKER, BEN H., Vice President, The Frontier Refining Co., P. O. Box 508, Golden, Colo. 1946.

PARKER, EDMOND M., Assistant Professor of Engineering, Centenary College of Louisiana, Shreveport, La. 1948.

PARKER, EDWARD M., 2610 44th St., N.W., Washington, D. C. 1947.

PARKER, EDWIN F., Editorial Assistant, Dean's Office, Oklahoma A. & M. College, Stillwater, Okla. 1950.

PARKER, J. C., Vice President, Retired, Consolidated Edison Co. of New York, 4 Irving Place, New York City. *Life member.* 1916.

PARKER, JOHN, Assistant Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1949.

PARKER, MILTON E., Professor and Director of Food Engineering, Illinois Institute of Technology, Chicago, Ill. 1950.

PARKER, NORMAN A., Professor and Head, Dept. of Mechanical Engineering, University of Illinois, Urbana, Ill. 1941.

PARKER, VERNON C., Instructor in Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1947.

PARKINSON, HAROLD N., Assistant Professor of General Engineering, Oregon State College, Corvallis, Ore. 1947.

PARKINSON, LESLIE R., Staff Engr., Wright Aero., Division Curtiss Wright Corp., Wood Ridge, N. J. 1937.

PARKINSON, RICHARD W., Instructor in Engineering Drawing, Ohio State University, Columbus, Ohio. 1950.

PARKS, WILBUR H., Chairman, Dept. of Mechanical Engineering, University of Denver, Denver, Colo. 1942.

PARR, JEROME H., Chairman, Dept. of Mechanical Engineering, University of Dayton, Dayton, Ohio. 1947.

PARR, KENNETH E., Instructor in General Engineering, Purdue University, Lafayette, Ind. 1946.

PARROTT, ALICE A., Head, English Dept., Tri-State College, Angola, Ind. 1932.

PARRY, SAMUEL R., Assistant General Manager, Chattanooga Division, Combustion Engineering—Superheater, Inc., Chattanooga, Tenn. 1949.

PARSHALL, MAXWELL, Assistant Professor of Civil Engineering, Colorado, A. & M. College, Ft. Collins, Colo. 1951.

PARSONS, ARTHUR B., Consulting Mining Engineer, 6091 Castle Drive, Oakland 11, Calif. 1939.

PARSONS, KENNETH L., Associate Professor of Electrical Engineering, University of Maine, Orono, Maine. 1947.

PARTLO, F. L., Dean, Michigan College of M. & T., Houghton, Mich. 1939.

PASEK, J. EDWIN, Director, Technical Division, Rinehart Books, Inc., New York 16, N. Y. 1945.

PASQUA, PIETRO F., Instructor in Mechanical Engineering, Northwestern University, Evanston, Ill. 1949.

PASS, VINCENT L., Assistant Professor of Architectural Engineering, University of Texas, Austin, Tex. 1951.

PATERSON, ALEXANDER, Associate Professor of Civil Engineering, University of Detroit, Detroit, Mich. 1951.

PATTEN, W. E., Hydrologist, Soil Conservation Service, U. S. Dept. Agriculture, Spartansburg, S. C. (Home: 1304 Maine St., South Boston, Va.) 1915.

PATTERSON, L. L., Dean Emeritus of Engineering, Mississippi State College, State College, Miss. *Life member.* 1915.

PATTERSON, STANLEY, Instructor in Mechanical Engineering, Supt. Building and Grounds, Southern Methodist University, Dallas, Texas. 1940.

PATTISON, FLOYD, Professor of Mechanical Engineering, Extension Division, Kansas State College, Manhattan, Kans. 1934.

PATTISON, ROBERT, Head, Engineering and Building Dept., Kumasi College of Technology, Private Post Bag, Kumasi, Gold Coast, West Africa. 1945.

PAUL, ARTHUR N., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1947.

PAUL, C. E., Professor Emeritus of Mechanics, Illinois Institute of Technology, Chicago, Ill. (249 4th Ave., North St. Petersburg 4, Fla.) *Life member.* 1907.

PAUL, GEORGE T., Assistant Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1948.

PAUL, GERALD W., Instructor in Drawing, Rochester Jr. College, Rochester, Minn. 1948.

PAUL, RAYMOND F., Instructor in Applied Mechanics, 362A S. Lafayette, Marshall, Mo. 1950.

PAUL, RALPH L., Instructor in Engineering Drawing, Michigan State College, East Lansing, Mich. 1950.

PAULI, ROSS I., Instructor in Machine Design, Kansas State College, Manhattan, Kans. 1947.

PAULSEN, FRIDTJOF, Instructor in Mathematics and Engineering, San Mateo Junior College, San Mateo, Calif. 1935.

PAUW, ADRIAN, Assistant Professor of Civil Engineering, The Rice Institute, Houston, Tex. 1949.

PAYNE, ALBERT V., Head, Technical Dept., New York State Institute of Applied Arts and Sciences, Utica, N. Y. 1949.

PAYNTER, THOMAS E., Associate Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1947.

PEACOCK, DONALD E., Instructor, Institute of Applied Arts & Sciences, New York State University, Buffalo, N. Y. 1950.

PEARCE, CLINTON E., Professor and Head, Dept. of Machine Design, Kansas State College, Manhattan, Kans. 1937.

PEARCE, F. W., Professor and Head, Dept. of General Engineering, Northern Montana College, Havre, Mont. 1938.

PEARL, WILLIAM A., Acting President and Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1935.

PEARSON, DONALD S., Associate Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1939.

PEARSON, JOHN E., Associate Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1942.

PEARSON, JOHN R., Associate Dean of Engineering, Robert College, Bebek P. K. 8, Istanbul, Turkey. 1945.

PEARSON, S. IVAR, Assistant Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1948.

PEASE, EDWARD M. J., Professor and Head, Dept. of Mathematics and Electrical Engineering, University of Rhode Island, Kingston, R. I. 1937.

PECK, JOHN S., Associate Professor of Civil Engineering, Director, Materials Testing Lab., College of City of New York, New York, N. Y. 1931.

PECK, RALPH E., Professor of Chemical Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

PEEBLES, JAMES H., Assistant Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1948.

PEERY, DAVID J., Professor and Head, Dept. of Aeronautical Engineering, The Pennsylvania State College, State College, Pa. 1938.

PEET, J. C., Acting Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1923.

PEGADO, HENRIQUE, Director, Escola de Engenharia, Instituto MacKenzie, Sao Paulo, Brazil S. A. 1943.

PEGRAM, GEORGE B., Professor of Physics and Dean, Graduate Faculties, Columbia University, New York, N. Y. (*President, 1925–26; Vice President, 1924–25; Member of Council, 1924–46.*) 1918.

PEIKERT, FRANK W., Professor and Head, Agricultural Engineering, University of Maine, Orono, Maine. 1950.

PEIRCE, CARROLL J., Director, School of Aviation, Ohio State University, Columbus, Ohio. 1948.

PEIRCE, EUGENE W. 1947.

PEIRCE, GEORGE R., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1939.

PEIRCE, GILBERT H., JR., Instructor in Mathematics, Marquette University, Milwaukee, Wis. 1950.

PEKARSKY, ABRAHAM L., Instructor in Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1948.

PELAN, BYRON J., Instructor in Mechanical Engineering, Lafayette College, Easton, Pa. 1949.

PELLER, CHARLES G., Associate Professor of Civil Engineering, Valparaiso University, Valparaiso, Ind. 1947.

PELLETIER, CHARLES J., Instructor in Civil Engineering, University of Connecticut, Storrs, Conn. 1948.

PEÑA ISIDRO R., Associate Professor of Chemical Engineering, University of Puerto Rico, Mayaguez, P. R. 1948.

PENCE, RAYMOND V., Professor of English, University of Notre Dame, Notre Dame, Ind. 1949.

PENDER, HAROLD, Retired, Dean, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1924–27.*) *Life member.* 1909.

PENDLEY, LAURENCE C., Assistant Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1951.

PENDERGAST, MICHAEL S., JR., Instructor in Electrical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1947.

PENICK, JOHN M., Associate Professor of Industrial Engineering, Texas Technological College, Lubbock, Texas. 1946.

PENN, JOHN C., Retired, Professor of Civil Engineering, Illinois Institute of Technology, Chicago 16, Ill. *Life member.* 1915.

PENNEY, DWIGHT L., Instructor in Engineering Drawing, Fenn College, Cleveland, Ohio. 1948.

PENNEY, GAYLORD W., George Westinghouse Professor of Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1947.

PENROD, ESTEL B., Head of Mechanical Engineering, University of Kentucky, Lexington, Ky. 1950.

PENROSE, CHARLES, Librarian, Clarkson College of Technology, Potsdam, N. Y. 1948.

PEPPER, PAUL M., Associate Professor of Industrial Engineering, Ohio State University, Columbus, Ohio. 1950.

PEREIRA, DULCIDIO, Professor Emeritus of Physics, Universidad do Brazil, Rio de Janeiro, Brazil, S. A. (Home: General Electric S. A., Caixa Postal 109, Brazil, S. A.) 1943.

PEREIRA, OCTAVIO M., Rector, Universidad Nacional de Panama, Ancon, Panama, Rep. of Panama. 1943.

PERETTI, ETTORE A., Acting Head and Professor of Metallurgy, University of Notre Dame, Notre Dame, Ind. 1944.

PEREZ, LAWRENCE, Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1933.

PERKINS, DONALD L., Professor and Head, Dept. of Mechanical and Industrial Engineering, Wayne University, Detroit, Mich. 1930.

PERKINS, HAROLD C., Associate Professor of Mechanics, Cornell University, Ithaca, N. Y. 1934.

PERKINS, ROY B., Assistant Professor of Drawing, University of Illinois, Navy Pier, Chicago, Ill. 1947.

PERNA, ANGELO J., Head, Structural Research, Pullman Standard Car Mfg. Co., Hammond, Ind. 1949.

PERRIN, JOHN G., Consultant, 10 Chestnut St., Springfield 5, Mass. 1949.

PERRINE, J. HAROLD, Admin. Asst., Research and Dev. Dept., Sun Oil Company, Marcus Hook, Pa. 1949.

PERRY, IRVING D., Instructor in Electrical Engineering, N. Y. State Institute of Applied Arts and Sciences, White Plains, N. Y. (Home: Honeoye Falls, N. Y.) 1950.

PERRY, J. H., Development Department, E2, duPont de Nemours & Co., Wilmington, Del. 1939.

PERRY, JOHN E., Associate Professor of Railroad Engineering, Cornell University, Ithaca, N. Y. *Life member.* 1922.

PERRY, JOHN M., Assistant Professor of Mathematics, Clarkson College of Technology, Potsdam, N. Y. 1951.

PERRY, RAYMOND J., Professor of Chemistry, U. S. Coast Guard Academy, New London, Conn. 1949.

PERRY, WILLIAM H., in charge of Preparatory Dept., Franklin Technical Institute, Boston, Mass. 1947.

PERRYMAN, CONNER C., Professor of Industrial Engineering and Engineering Drawing, Texas Technological College, Lubbock, Texas. 1938.

PERSON, H. T., Dean, College of Engineering, University of Wyoming, Laramie, Wyo. 1932.

PESKIN, BERNARD A., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

PETER, WILLIAM G., Instructor in Mechanical Engineering, Arkansas State College, State College, Ark. 1950.

PETERSEN, JOHN H., Assistant Professor of Machine Design, Cooper Union, New York City. (In Service.) 1947.

PETERSON, ALDOR C., Assistant Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1939.

PETERSON, DEAN F., JR., Professor and Head, Dept. of Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1949.

PETERSON, GEORGE E., Senior Engineer, Power Division, Bechtel Corp., San Francisco 11, Calif. 1947.

PETERSON, HAROLD A., Professor and Chairman, Dept. of Electrical Engineering, University of Wisconsin, Madison, Wis. 1947.

PETERSON, J. MERRIAM, Associate Professor of Chemical Engineering, Cooper Union, New York, N. Y. 1948.

PETERSON, MASON M., Associate Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1945.

PETERSON, RAYMOND C. W., Owner and Chief Engineer, Peterson Engineering Co., 1671 Fernwood Ave., Toledo 7, Ohio. 1951.

PETERSON, WALTER E., Teacher in Physical Science, Herzl Junior College, 3711 Douglas Blvd., Chicago 23, Ill. 1947.

PETERSON, WILLIAM M., Associate Professor of Civil Engineering, Arlington State College, Arlington, Texas. 1947.

PETRIE, GEORGE W., III, International Business Machines Corp., 230 S. 15th St., Philadelphia 2, Pa. 1938.

PETRIE, JOHN M., Professor of Chemical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1937.

PETRIE, RAYMOND W., Assistant Professor of Mechanical Engineering, University of Bridgeport, Bridgeport, Conn. 1947.

PETRY, WILLIAM M., Associate Professor of Mechanical Engineering, University of Akron, Akron, Ohio. 1946.

PETTIT, JOSEPH M., Associate Professor of Electrical Engineering, Stanford University, Stanford University, Calif. 1940.

PETTY, BEN. H., Professor of Highway Engineering, Purdue University, Lafayette, Ind. 1925.

PETTY, ELMER E., Professor & Head, Drafting Dept., Milwaukee School of Engineering, Milwaukee, Wis. 1949.

PETTYJOHN, ELMORE S., Director, Institute of Gas Technology, Chicago, Ill. 1939.

PEURIFOY, ROBERT L., Professor of Construction Engineering, A. & M. College of Texas, College Station, Texas. 1931.

PFISTER, PHILIP C., Instructor of Mechanical Engineering, West Virginia University, Morgantown, Va. 1948.

PFLUG, IRVING J., Assistant Professor of Agr. Engineering, University of Massachusetts, Amherst, Mass. 1949.

PHELAN, RICHARD M., Assistant Professor of Machine Design, Cornell University, Ithaca, N. Y. 1948.

PHELPS, CHARLES W., Instructor in Mechanical Engineering, Yale University, New Haven, Conn. 1936.

PHELPS, GEORGE M., Instructor in Aeronautical Engineering, California Institute of Technology, Pasadena, Calif. 1948.

PHILBRICK, WARREN W., Assistant Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

PHILBY, ALFRED J., Associate Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1942.

PHILLIPS, ARTHUR, Professor and Chairman of Metallurgy, Yale University, New Haven, Conn. 1937.

PHILLIPS, AUBREY W., General Manager of Manufacturing, The General Tire & Rubber Company, Akron, Ohio. 1949.

PHILLIPS, EMORY B., Professor of Electrical Engineering, University of Kansas, Lawrence, Kans. 1951.

PHILLIPS, JOHN B., Professor of Chemical Engineering, McGill University, Montreal 2, Canada. 1931.

PHILPOT, CLAUDE P., Head and Associate Professor of Electrical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

PICCARD, JEAN F., Professor of Aeronautical Engineering, University of Minnesota, Minneapolis, Minn. 1945.

PICKETT, GERALD, Professor of Engrg. Mechanics, University of Wisconsin, Madison, Wis. 1948.

PIDCOCK, ROBERT E., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

PIERCE, DONALD N., Instructor in Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1950.

PIERCE, GEORGE O., Associate Professor, School of Public Health, University of Minnesota, Minneapolis, Minn. 1949.

PIERCE, STANLEY H., Assistant Dean, College of Engineering, Associate Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1937.

PIETENPOL, WILLIAM B., Professor and Head, Dept. of Physics, University of Colorado, Boulder, Colo. 1942.

PIFER, DRURY A., Professor of Mineral Engineering, University of Washington, Seattle, Wash. 1950.

PIGAGE, LEO C., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1939.

PIKE, FREDERICK P., Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1947.

PILCH, MEIR, Research Fellow, Department of Hydraulics, University of Minnesota, Minneapolis, Minn. 1944.

PILLET, FRED F., Professor and Head of Civil Engineering, Louisiana State University, University, La. 1948.

PILLSBURY, ARTHUR F., Associate Professor of Agriculture, University of California, Los Angeles, Calif. 1949.

PILOTTE, FRANK F., Instructor in Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

PINCHES, MARY F., Supervising Librarian, Case Institute of Technology, Cleveland, Ohio. 1948.

PINGEE, ROLAND W., Lecturer in Mechanical Engineering, University of California, Berkeley, Calif. 1950.

PINKERTON, ROBERT M., Aeronautical Research Scientist, National Advisory Committee for Aeronautics, Langley Field, Va. 1943.

PIPER, FRED F., Professor and Chairman, Department of Physics, Clarkson College of Technology, Potsdam, N. Y. 1915.

PIPER, HARRY W., Assistant Professor of Civil Engineering, University of Maryland, College Park, Md. 1948.

PIPPARD, ALFRED J. S., Professor of Civil Engineering, Imperial College of Science and Technology, London, S.W. 7, England. 1947.

PISTRANG, JOSEPH, Lecturer in Civil Engineering, College of the City of New York, New York, N. Y. 1948.

PITKIN, EMERSON S. B., Assistant Professor and Co-head of Engineering, Champlain College, State University of N. Y., Plattsburg, N. Y. 1947.

PITMAN, JAMES H., Chairman, English Dept. (Humanistic Div.), Newark College of Engineering, Newark, N. J. 1945.

PITTS, ROBERT G., Professor and Head, Dept. of Aeronautical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1938.

PLANCK, IVAN A., Professor and Head, Dept. of Mechanical Engineering, Indiana Technical College, Ft. Wayne, Ind. 1943.

PLANK, WILLIAM B., Head, Dept. of Mining and Metallurgical Engineering, Lafayette College, Easton, Pa. (*Member of Council, 1938–41, 1946–48.*) 1921.

PLANT, LOUIS C., Professor, Retired, of Mathematics, Michigan State College, East Lansing, Mich. *Life member.* 1913.

PLATT, EDWARD K., Assistant Professor of Engineering Drawing, Michigan State College, East Lansing, Michigan. 1950.

PLEHN, BRAINERD, Assistant Professor of Engineering, University of Santa Clara, Santa Clara, Calif. 1949.

PLENGEY, WILLIAM D., Instructor in Electrical Engineering, North Carolina State College, Raleigh, N. C. 1950.

PLETTA, DAN H., Professor and Head, Dept. of Applied Mechanics, Virginia Polytechnic Institute, Blacksburg, Va. 1932.

PLOCK, HENRY, Associate Professor and Chairman of Engineering Drawing, College of the City of New York, New York, N. Y. 1940.

PLUMMER, FRED L., Director of Engineering, Hammond Iron Works, Warren, Pa. 1930.

PLUMTREE, WILLIAM G., Assistant Professor of Engineering Mechanics, New York University, New York, N. Y. 1949.

PLUNKETT, ROBERT, Engineer, General Electric Co., Schenectady, N. Y.

POERSCHKE, WERNER H., Instructor in Engineering, University of Houston, Houston, Texas. 1950.

POHLE, FREDERICK V., Research Associate, Mathematics Dept., New York University Institute for Math. & Mech., New York, N. Y. 1943.

Polaner, Jerome L., Assistant Professor of Mechanical Engineering & Executive Associate, Newark College of Engineering, Newark, N. J. 1941.

Polcyn, Stephen J., Elec. Eng. Control Equipment, Arma Corp., Brooklyn 32, N. Y. 1947.

Polentz, Lloyd M., Lecturer in Engineering, University of California, Los Angeles, Calif. 2233 McGee, Berkeley, Calif. 1949.

Polk, Orval H., Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

Polkinghorne, Wilfrid C., Professor and Head, Dept. of Civil Engineering, Michigan College of M. & T., Houghton, Mich. 1939.

Pollack, Sidney J., Lecturer in the Mechanical Engineering Dept., College of the City of New York, New York, N. Y. (In Service.) 1949.

Pollard, Neith J., Mathematics Dept., University of Capetown, Rondebosch, C. P., Union of South Africa, S. A. 1947.

Pollard, Robert Q., Instructor in Electrical Engineering, University of Rochester, Rochester, N. Y. 1950.

Pollick, Hubert J., Instructor in Engineering, Kilgore Junior College, Kilgore, Texas. 1947.

Pomeroy, George A., Instructor in Physics, San Mateo Junior College, San Mateo, Calif. 1941.

Poor, Jeanette, Librarian, College of Engineering, Cornell University, Ithaca, N. Y. 1946.

Poor, Russell S., Chairman, University Relations Division, Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn. 1949.

Poorman, Alfred P., Professor Emeritus of Engineering Mechanics, Purdue University, Lafayette, Ind. (*Member of Council, 1932–35.*) 1907.

Pope, Lathrop C., Associate Professor of Civil Engineering, College of the City of New York, New York City. 1937.

Popejoy, Tom L., President, University of New Mexico, Albuquerque, N. M. 1949.

Popov, Egor P., Associate Professor of Civil Engineering, University of California, Berkeley, Calif. 1947.

Popovich, Milosh, Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1948.

Porsch, J. Howard, Professor and Chairman, Dept. of Drawing and Descriptive Geometry, Purdue University, Lafayette, Ind. 1929.

Porter, David B., Professor of Industrial Engineering, New York University, New York City. 1923.

Porter, George M., Associate Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1941.

Porter, James M., Jr., Professor of Psychology and Philosophy, University of Tennessee, Knoxville, Tenn. 1943.

Porter, Norman, Assistant Professor of Civil Engineering, New York University, New York, N. Y. 1947.

Porter, Richard W., Engineer, Sp. Proj. Division, General Electric Company, Schenectady, N. Y. 1949.

Porter, Royal A., Professor of Physics, Emeritus, Syracuse University, Syracuse 10, N. Y. *Life member.* 1908.

Porter, R. Clay, Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Porter, Roland G., Professor and Head, Department of Electrical Engineering, Northeastern University, Boston, Mass. 1926.

Posey, Chesley J., Director, Rocky Mountain Hydraulic Lab., Allenspark, Colo.; Professor of Hydraulics and Structural Engineering, Head, Dept. of Civil Engineering State University of Iowa, Iowa City, Iowa. 1931.

Posser, Fred H., Assistant Professor of Mechanical Engineering, New York University, New York, N. Y. 1949.

Potor, Velentina A., Assistant Professor of Mathematics, Youngstown College, Youngstown, Ohio. 1947.

Potter, Andrey A., Dean, Schools of Engineering, Director Engineering Experiment Station, Purdue University, Lafayette, Ind. (*President, 1924–25; Vice President, 1919–20; Member of Council, 1916–19, 1924–46.*) *Thirteenth Recipient, Lamme Medal (1940).* 1908.

Potter, James G., Professor and Head, Dept. of Physics, A. & M. College of Texas, College Station, Texas. (*Member of Council, 1947–49.*) 1935.

Potter, James H., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1941.

Potter, James L., Professor and Chairman, Dept. of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1936.

Potter, Miles B., Associate Professor of Civil Engineering, Villanova College, Villanova, Pa. 1945.

Potter, Orrin W., Associate Professor of Engineering Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1925.

Potter, Richard C., Assistant Dean of Engineering & Architecture; Associate Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1949.

Potts, Philip O., Associate Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1948.

Pouliot, Adrian, Dean of the Faculty of Science, Universite Laval, Montreal, Que., Canada. 1951.

Powell, Albert P., Associate Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926.

Powell, Knox A., Research Engineer, Minneapolis-Moline Power Implement Co., Box 1050, Minneapolis, Minn. 1947.

Powell, Ralph W., Professor of Mechanics, The Ohio State University, Columbus 10, Ohio. 1922.

Powell, Ray B., Personnel Manager, Sandia Corp., Albuquerque, N. M. 1946.

Power, Harry H., Professor and Chairman, Dept. of Petroleum Engineering, University of Texas, Austin, Texas. 1938.

Powers, A. Raymond, Professor of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1941.

Powers, Francis W., Assistant to Administrative Engineer, Pratt & Whitney Aircraft, East Hartford, Conn. 1948.

Powers, Louis J., Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas. 1944.

Powers, Maston L., Director of Engineering Extension, Oklahoma A. & M. College, Stillwater, Okla. 1947.

Powers, Melville W., Plant Manager, C. Hittebrant Dry Dock Co., P. O. Drawer H, Kingston, N. Y. 1948.

Powers, Philip N., Executive Administrator, Atomic Electric Project, Monsanto Chem. Co., St. Louis, Mo. 1946.

Powley, George R., Associate Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

Poznanski, Mitchell C., Instructor in Chemistry, University of Detroit, Detroit, Mich. 1947.

Prageman, Irving H., Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1923.

Prager, Philip C., Instructor in Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1950.

PRATT, CHARLES, President, Pratt Institute, Brooklyn, N. Y. 1929.

PRATT, CHESTER J., Associate Professor of Physics, Michigan College of M. & T., Houghton, Mich. 1948.

PRATT, D. F., Director of Training, Cincinnati Milling Machine Co., Cincinnati, Ohio. 1948.

PRATT, HUGH S., Assistant Manager, College Dept., Ronald Press Company, New York, N. Y. 1949.

PREATOR, FREDERICK, Professor of Engineering, Utah State Agricultural College, Logan, Utah. 1949.

PRECKSHOT, GEORGE W., Assistant Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1949.

PREGEL, BORIS, Professor of Physics and Vice President, French University in New York, N. Y. 1951.

PREISMAN, ALBERT, Vice President in Charge of Engineering, Capitol Radio Engineering Institute, 3224 16th Street, Washington, D. C. 1943.

PRENTICE, DONALD B., Director, Scientific Research Society of America, 54 Hillhouse Ave., New Haven, Conn. President Emeritus, Rose Polytechnic Institute. (*President, 1940–41; Vice President, 1930–40; Member of Council, 1927–30, 1939–46.*) 1912.

PRENTICE, THOMAS H., Assistant Professor of Civil Engineering, College of the City of New York, New York City. 1936.

PRESCOTT, FORD L., Continental Aviation and Engineering Corp., 1500 Algonquin, Detroit 44, Mich. 1948.

PRESCOTT, WALLACE S., Assistant Professor of Civil Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1949.

PRESTON, HOWARD K., Professor and Head, Dept. of Theoretical and Applied Mechanics, University of Delaware, Newark, Del. 1942.

PREWETT, C. H., Assistant Professor of Engineering, Omaha University, Omaha, Nebr. 1943.

PRIAN, VASILY D., Research Scientist, Compressor Turbine, National Advisory Committee for Aeronautics, Cleveland 11, Ohio. 1936.

PRICE, JOHN R., Professor Emeritus of Electrical Engineering, University of Wisconsin, Madison 6, Wis. *Life member.* 1926.

PRICE, LEONARD C., Professor & Head of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1931.

PRICE, M. LAWRENCE, Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1944.

PRICE, REGINALD C., Director, Div. of Water & Power, Dept. of the Interior, Washington, D. C. (4319 Second Road No., Arlington, Va.) 1944.

PRICE, RUPERT M., Assistant Dean, College of Engineering, Undergraduate Division, University of Illinois, Navy Pier, Chicago, Ill. 1947.

PRICE, SHERWOOD R., Associate Professor of Language, Michigan College of M. & T., Houghton, Mich. 1943.

PRICE, THORNTON W., Graduate Student in Mechanical Engineering, University of Illinois, Urbana, Ill. 1951.

PRIEN, CHARLES H., Associate Professor of Chemical Engineering, University of Denver; Research Engineer, Institute Industrial Research, Denver, Colo. 1941.

PRIES, LORENCE F., Instructor in Electrical Engineering, New York State Agricultural and Technical Institute, Canton, N. Y. 1949.

PRIESTER, GEORGE C., Head, Dept. of Mathematics and Mechanics, University of Minnesota, Minneapolis 14, Minn. 1920.

PRINGLE, ORAN A., Assistant Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1949.

PRIOR, JOHN A., Associate Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia 43, Pa. 1923.

PRIOR, THOBURN W., Director, Training Squadrons, Goodyear Tire and Rubber Co., Akron, Ohio. 1937.

PROFITT, RUSSELL P., Manager of College Relations, Timken Roller Bearing Co., Canton, Ohio. 1951.

PROSSER, EDWARD T., Associate Professor of Physics, Georgia Institute of Technology, Atlanta, Ga. 1944.

PROWELL, ROY W., Associate Professor of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1945.

PRYOR, KNIGHT, Assistant to Vice President for Operations, Engineering Research Associates, Inc., 1902 W. Minnehaha Ave., St. Paul 4, Minn. 1947.

PUCHSTEIN, ALBERT F., Consulting Engineer, Mining Engineering, The Jeffry Mfg. Co., Columbus, Ohio. 1928.

PUCKETT, HARVEY R., Associate Professor of Physics and Engineering, Dept. of Engineering, University of Redlands, Redlands, Calif. 1943.

PUFFER, LOUIS B., Professor of Civil Engineering, University of Vermont, Burlington, Vt. 1922.

PUGH, EMERSON M., Professor of Physics, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1938.

PUGH, RICHARD N., Assistant Professor of Civil Engineering, New Mexico A. & M. College, State College, N. M. 1946.

PUMPHREY, FRED H., Professor and Head, Dept. of Electrical Engineering, University of Florida, Gainesville, Fla. (*Member of Council, 1951–53.*) 1928.

PURDIE, K. S., Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1927.

PURDOM, T. LUTHER, Director, Bureau of Appointments and Occupational Information, University of Michigan, Ann Arbor, Mich. 1949.

PURNELL, WILLIAM B., Assistant Professor of Civil Engineering, University of Houston, Houston, Texas. 1949.

PURTZ, CARL F., JR., Assistant Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1951.

PUTNAM, GERALD, Assistant Professor of Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

PUTNAM, RUSSELL C., Professor of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio. 1927.

PYKE, DONALD L., Assistant Professor of Applied Mechanics, and Assistant to the Dean, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1950.

PYSZ, FRANCIS C., Instructor in Civil Engineering, University of Connecticut, Storrs, Conn. 1951.

QUAID, LLOYD J., Assistant Professor of Mathematics and Drawing, University of Minnesota, Minneapolis, Minn. 1931.

QUICK, ROY T., Professor, Engineering Extension, University of Missouri, Columbia, Mo. 1949.

QUIER, KENNETH E., Professor of Mechanical Engineering, Pratt Institute, Brooklyn 5, N. Y. 1929.

QUINN, BAYARD E., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1942.

QUISENBERRY, ROGER C., Assistant Professor of Electrical Engineering, Ohio University, Athens, Ohio. 1949.

RACKWAY, JOHN S., Professor and Head, Dept. of Drawing, Lawrence Institute of Technology, Detroit 3, Mich. 1943.

RADASCH, ARTHUR H., Professor and Head, Dept. of Chemical Engineering, Cooper Union, New York 3, N. Y. 1939.

RADCLIFFE, DONALD G., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1948.

RADCLIFFE, J. GLENN, Executive Vice President, Tri-State College, Angola, Ind. 1948.

RADER, LLOYD F., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1925.

RADER, LOUIS T., Engrg. Manager, Control Division, General Electric Co., Schenectady, N. Y. 1945.

RADFORD, STANLEY S., Associate Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1937.

RADFORD, WILLIAM H., Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 38, Mass. 1943.

RAEDER, WARREN, Professor and Head, Dept. of Civil and Architectural Engineering, University of Colorado, Boulder, Colo. 1938.

RAGATZ, ROLAND A., Chairman and Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1949–51.*) 1927.

RAGAZZINI, JOHN R., Associate Professor of Electrical Engineering, Columbia University, New York 27, N. Y. 1947.

RAHE, WILLIAM C., Assistant Professor of Engineering, University of Toledo, Toledo, Ohio. 1948.

RAHN, ARTHUR O., Representative, Publishing Dept., International Textbook Co., Waukesha, Wis. 1949.

RALPH, JOHN R., Personnel Dept., ARO, Inc., 522 Olive St., St. Louis, Mo. 1950.

RAMBERG, EIVIND G. F., Associate Professor of Physics, Newark College of Engineering, Newark, N. J. 1939.

RAMSAY, ROBERT H., Professor of English and Speech, Tri-State College, Angola, Ind. 1951.

RAMSEY, ROBERT D., Civil Engineer, Tullahoma Dist., Corps of Engineers, 405 Oakdale St., Manchester, Tenn. 1949.

RANDLE, GEORGE W., Instructor in Mechanics, University of Oklahoma, Norman, Okla. 1950.

RANDOLPH, JAMES R., Lecturer in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

RANKIN, ROLFE M., Professor of Mathematics, Missouri School of Mines, Rolla, Mo. 1950.

RANOV, THEODOR, Associate Professor of Machine Design, School of Engineering, University of Buffalo, Buffalo, N. Y. 1951.

RANSDELL, CLIFFORD H., Assistant to Dean, Basic Division and Associate Professor of Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1942.

RAPALSKI, JOSEPH C., Instructor in Electrical Engineering, Purdue Calumet Campus, Hammond, Ind. 1948.

RAPHAEL, COLEMAN, Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

RAPPOLT, FRANK A., Assistant Professor of Drafting, College of the City of New York, New York City. 1940.

RAO, P. V. B. BHOOSHANA, Assistant Professor of Mechanical Engineering, College of Engineering, Kakinada, South India. 1950.

RASMUSSEN, ANDREW A., Professor of Mechanical Engineering, University of Houston, Houston, Texas. 1949.

RASS, HERBERT J., Manager, Employment, Allis-Chalmers Mfg. Company, Milwaukee, Wis. 1949.

RATCLIFF, HAROLD B., Assistant Professor of Mechanical Engineering, Bradley University, Peoria, Ill. 1949.

RATH, EDWIN R., Ex. Vice President, Power Transmission Council, 320 Broadway, New York 7, N. Y. 1936.

RATHBUN, J. CHARLES, Professor of Civil Engineering, College of the City of New York, New York City. *Life member.* 1925.

RATHBURN, ROBERT E., Associate Professor of Civil and Architectural Engineering, University of Colorado, Boulder, Colo. 1947.

RATHE, ALEX W., Associate Professor of Industrial Engineering, New York University, New York, N. Y. 1949.

RATTERREE, W. B., Assistant Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1947.

RAUCH, LAWRENCE L., Associate Professor of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

RAUDEBAUGH, ROBERT J., Professor of Metallurgical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1946.

RAUTENSTRAUCH, ROBERT F., Assistant Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1944.

RAUTENSTRAUS, ROLAND C., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1950.

RAVENSCROFT, HENRY A., Instructor in Engineering and Physics, Santa Rosa Junior College, Santa Rosa, Calif. 1943.

RAW, RUTH M., Assistant Professor of English, University of Akron, Akron 4, Ohio. 1935.

RAWLES, CHARLES M., Supervisor, Technical Placement, Allis-Chalmers Mfg. Company, Milwaukee, Wis. 1949.

RAY, MILLARD L., Dean, College of Engineering, University of Houston, Houston, Texas. 1949.

RAYMOND, JACK D., Coordinator of Cooperative Work, Northeastern University, Boston, Mass. 1949.

RAYMOND, WILLIAM, Assistant Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1948.

RAYNER, WM. H., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1913.

RAYNES, SAMUEL H., JR., Associate Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1950.

RAZAK, CHARLES K., Acting Dean, College of Bus. Admin. and Industry and Director, School of Engineering, University of Wichita, Wichita 6, Kans. 1947.

REA, PHILIP L., Supervisor, Highway Training Program, Ohio Dept. of Highways, Columbus, Ohio. 1949.

READ, HERNANDO M., Professor of English, Virginia Military Institute, Lexington, Va. 1949.

REAGAN, JAMES F. 1947.

REAMS, DINWIDDIE C., JR., Instructor in Chemical Engineering, University of Alabama, Tuscaloosa, Ala. 1947.

REARDON, LESLIE J., Associate Professor of Civil Engineering, Case Institute of Technology, Cleveland 6, Ohio. 1944.

REASER, WILLIAM E., Chairman, Department of Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1942.

REBER, KARL W., Instructor in Mechanical Engineering, 124 Placer Lane, Oak Ridge, Tenn. 1948.

REBERT, CHARLES J., Instructor in Chemical Engineering, Ohio State University, Columbus, Ohio. 1947.

RECORD, FRANK A., Professor & Head of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1940.

RED, DAVID D., Associate Professor of Architectural Engineering, University of Houston, Houston, Texas. 1950.

REDD, WILLIAM M., JR., Instructor in Civil Engineering, University of Maryland, College Park, Md. 1951.

REED, ALSTON L., Associate Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1948.

REED, CHARLES O., JR., Instructor in Chemical Engineering, Missouri School of Mines, Rolla, Mo. 1951.

REED, EDWARD A., Assistant Dept. Chairman, Industrial Engineering, General Motors Institute, Flint, Mich. 1951.

REED, ELDIS O., Assistant Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1948.

REED, F. EVERETT, Project Engineer, Mech. Div., Arthur D. Little Co., Cambridge, Mass. 1949.

REED, FREDERICK J., Associate Professor of Mechanical Engineering, Duke University, Box 263, College Station, Durham, N. C. 1936.

REED, GEORGE W., Assistant Professor of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1951.

REED, G. NATHAN, Dean of Faculty, Lowell Textile Institute, Lowell, Mass. 1949.

REED, JOHN C., Professor and Head, Dept. of Mechanical Engineering, University of Florida, Gainesville, Fla. 1929.

REED, KENNETH W., Consulting Engineer, 4614 Prospect Ave., Cleveland 3, Ohio. 1915.

REED, MYRIL B., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1938.

REED, RICHARD J., Instructor in Mechanical Engineering, Fenn College, Cleveland, Ohio, and Application Engineer, Sales Dept., North American Mfg. Co., Cleveland, Ohio. 1948.

REEDER, MILTON E., Assistant Professor of Civil Engineering, University of Miami, Coral Gables, Fla. 1950.

REEKS, MARK R., Associate Professor of Mathematics, Stevens Institute of Technology, Hoboken, N. J. 1940.

REEN, CALVIN G., Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1945.

REES, CARL J., Professor of Mathematics and Director of Division of Graduate Study, University of Delaware, Newark, Del. 1948.

REESE, LYMON CLIFTON, Assistant Professor of Civil Engineering, Mississippi State College, State College, Miss. (On leave; P. O. Box 595, Berkeley, Calif.) 1950.

REHBERG, CHARLES F., Associate Professor of Electrical Engineering, New York University, New York, N. Y. 1950.

REHM, RICHARD W., 915 Ogden Ave., Toledo 9, Ohio. 1946.

REICH, HERBERT J., Professor of Electrical Engineering, Yale University, New Haven, Conn. 1934.

REICKERT, FREDERICK A., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1951.

REID, CHARLES T., Assistant to President, Cal-Aero Technical Institute, Glendale, Calif. 1938.

REID, ERNEST A., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1938.

REID, GEORGE W., Associate Professor of Civil Engineering and Public Health, University of Oklahoma, Norman, Okla. 1943.

REIN, DAVID M., Assistant Professor of Language and Literature, Case Institute of Technology, Cleveland, Ohio. 1949.

REINECKE, MARVIN E., Instructor in Machine Design, Kansas State College, Manhattan, Kans. 1947.

REINGOLD, HAIM, Associate Professor and Executive Officer, Mathematics, Illinois Institute of Technology, Chicago 16, Ill. 1947.

REINHART, WILLIAM A., Instructor in Applied Mechanics, Iowa State College, Ames, Iowa. 1950.

REINSCH, BERNHARD P., Professor and Head, Department of Mathematics, Florida Southern College, Lakeland, Fla. 1931.

REINTJES, J. FRANK, Assistant Professor of Communications, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

REISER, CASTLE O., Professor & Head of Chemical Engineering, University of Idaho, Moscow, Idaho. 1946.

REITEN, PALMER J., Assistant Professor of Mechanical Engineering, University of North Dakota, Grand Forks, N. D. 1948.

RELICH, NICHOLAS, Instructor, Technical Extension, Purdue University, Indianapolis, Ind. 1951.

REMDE, ALBERT O., Industrial Waukegan High School, Waukegan, Ill. 1949.

REMP, GEORGE E., Assistant Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1948.

REMPEL, PETER J., Act. Coordinator of General Education, State College of Washington, Pullman, Wash. 1949.

RENFREW, CLINTON A., Assistant Professor of Mechanical Engineering, Norwich University, Northfield, Vt. 1949.

RENN, RAYMOND W., Associate Professor of Coordination, University of Cincinnati, Cincinnati, Ohio. 1951.

RENNER, WILLIAM E., Manager Allied Products, Carrier Corp., Syracuse, N. Y. 1940.

RENTON, PAUL H., Dean of Instruction, West Virginia Institute of Technology, Montgomery, W. Va. 1949.

RENWICK, DONALD J., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1941.

RENZ, MERL F., Instructor in English, Purdue University, Lafayette, Indiana. 1951.

RENZEMA, THEODORE S., Professor and Acting Chairman, Dept. of Physics, Clarkson College of Technology, Potsdam, N. Y. 1951.

REPSCHA, ALBERT H., Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1933.

RESNICK, SOL D., Assistant Professor of Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1950.

RESTEMEYER, WILLIAM E., Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Cincinnati 21, Ohio. 1947.

RETTALIATA, JOHN T., Vice President and Dean of Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1946.

RETTIG, GEORGE P., Assistant Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1947.

REY, WILLIAM K., Assistant Professor of Engineering Mechanics, University of Alabama, University, Ala. 1949.

REYES, HERMENEGILDO R., Dean, Institute of Technology, Far Eastern University, Manila, Philippines. 1948.

REYHNER, THEODORE O., Associate Professor of Civil Engineering, University of Denver, Denver, Colo. 1943.

REYNOLDS, BLYTHE M., Vice President for Engineering and Purchasing, Merck and Co., Inc., Rahway, N. J. 1949.

REYNOLDS, DON P., Assistant to the Secretary, American Society of Civil Engineers, 33 W. 39th Street, New York 18, N. Y. 1951.

REYNOLDS, KENNETH C., Professor of Civil Engineering and Head, Dept. of General Engineering, University of Southern California, Los Angeles 7, Calif. 1934.

REYNOLDS, RALPH K., Assistant Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1950.

REYNOLDS, R. WALLACE, Instructor and Head of Graphics, West Coast University, Los Angeles 6, Calif. 1949.

REYNOLDS, RICHARD W., Electrical Consultant, Engineering Dept., E. I. duPont de Nemours and Co., Wilmington, Del. 1949.

Reynolds, Wilbert G., Personnel Manager, The Maytag Co., Newton, Iowa. 1949.

Reza, Fazlollah, Assistant Professor of Electrical Engineering, 152 Crosby St., Arlington, Mass. 1947.

Rhodes, Charles F., Assistant Professor of Electrical Engineering, Purdue University Extension, Hammond, Ind. 1951.

Rhodes, Fred H., Director, School of Chemical Engineering, Herbert Fisk Johnson Professor of Industrial Chemistry, Cornell University, Ithaca, N. Y. 1941.

Rhodes, Fred H., Jr., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1938.

Rhodes, Leland S., Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925.

Rhodes, Sam R., Professor and Head, Division of Electrical Engineering, Clemson Agricultural College, Clemson College, S. C. 1927.

Rhodes, Thomas J., Head of Process and Mechanical Development, U. S. Rubber Co., Passaic, N. J. 1943.

Rice, Edward K., Research Engineer, Institute of Engineering Research, University of California, Berkeley, Calif. 1951.

Rice, Elbert F., Instructor in General Engineering, Oregon State College, Corvallis, Ore. 1949.

Rice, Harold S., Instructor in Mathematics, Wentworth Institute, Boston, Mass. 1951.

Rice, Harris, Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1919.

Rice, Paul P., Associate Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1949.

Rice, Percival S., Assistant Professor of Civil Engineering, Tufts College, Medford, Mass. 1947.

Rice, Philip X., Associate Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1931.

Rice, Warren, Instructor in Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1951.

Rich, L. Elliott, Instructor in Engineering, Weber College, Ogden, Utah. 1951.

Rich, Ronald E., Professor and Head, Dept. of Chemical Engineering, University of Notre Dame, Notre Dame, Ind. 1944.

Richards, Cedric W., Instructor in Civil Engineering, Stanford University, Stanford, Calif. 1951.

Richards, Charles L. 1948.

Richards, Donald H., Director of Placement, University of New Hampshire, Durham, N. H. 1949.

Richards, Henry E., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1935.

Richardson, Donald E., Senior Physicist, Physics Research, Armour Research Foundation, Illinois Institute of Technology, Chicago 16, Ill. 1929.

Richardson, Glen A., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1948.

Richardson, Harry D., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

Richardson, Louis A., 262-B Park Ave., Long Beach 3, Calif. 1950.

Richardson, Marion B., Associate Professor of General Engineering, Iowa State College, Ames, Iowa. 1948.

Richardson, Richard L., Assistant Professor of General Engineering, Oregon State College, State College, Pa. 1950.

Richardson, William H., Associate Professor of English, South Dakota State College, Brookings, S. D. 1949.

Richmond, Addison E., Associate Professor of Civil Engineering, Howard University, Washington, D. C. 1931.

Richmond, Allen P., Personnel Officer, American Society of Civil Engineers, 33 West 39th St., New York 18, N. Y. 1946.

Richtmann, William M., Professor and Head, Dept. of Mechanical Engineering, Colorado School of Mines, Golden, Colo. 1938.

Rickard, Corwin L., Assistant Professor of Mechanical Engineering, University of Rochester, Rochester, N. Y. 1950.

Ricker, Claire W., Head, School of Electrical Engineering, Tulane University, New Orleans 15, La. 1921.

Riddle, Kenneth W., Associate Professor of Mechanical Engineering, and Director of Drexel Evening Diploma School, Drexel Institute of Technology, Philadelphia, Pa. 1937.

Rider, Maurice L., Instructor in English, State Teachers College, Indiana, Pa. 1949.

Ridgley, C. Herbert, Plant Manager, General Electric Company, 600 Main St., Johnson City, N. Y. 1950.

Riebeth, Theodore J., Associate Professor and Head, Dept. of Engineering Drawing, Marquette University, Milwaukee 3, Wis. 1943.

Riedy, Cyril J., Asst. Dir., Dept. of Coordination and Placement, University of Detroit, Detroit, Mich. 1948.

Ries, Harold C., Instructor in Chemical Engineering, Tufts College, Medford, Mass. 1950.

Rietz, George A., Manager, Educational Service Division, General Electric Co., Schenectady, N. Y. 1948.

Rietzke, Eugene H., President, Capitol Radio Engineering Institute, 3224 16th St., N.W., Washington, D. C. 1943.

Righter, Karl E., Instructor in Mathematics, Technical Institute, State University of New York, Buffalo, N. Y. 1951.

Riker, Charles R., 101 Woodhaven Dr., Pittsburgh 28, Pa. 1939.

Rimboi, Nicholas R., Director, Technical Institute, Fenn College, Cleveland, Ohio. 1947.

Rinehart, Herbert W., Manager, Personnel, Technical Division, Rayon Department, E. I. duPont de Nemours & Co., Wilmington, Del. 1941.

Rines, Bernard P., Head of Agricultural Engineering Dept., University of New Hampshire, Durham, N. H. 1949.

Ringoen, Robert O., Des. Engineer, Gas Turbine Project, Boeing Airplane Co., Seattle, Wash. 1949.

Riordan, Frank S., Jr., Instructor in Chemical Engineering, Mullin Lane, Hilltop Manor, Wilmington, Del. 1947.

Ripken, John F., Associate Professor of Hydraulics, University of Minnesota, Minneapolis, Minn. 1949.

Ripley, Julien A., Head of Physics Department, Montgomery Junior College, Takoma Park, Md. 1951.

Rising, James S., Professor and Head, Dept. of Engineering Drawing, Iowa State College, Ames, Iowa. 1945.

Rising, Justus, Professor of Engineering Drawing, Purdue University, Lafayette, Ind. 1926.

Ritchie, Clark A., Assistant Professor of Mechanical Engineering, University of Buffalo, Buffalo, N. Y. 1949.

Ritchie, Marguerite, Engineering Librarian, University of Maryland, College Park, Md. 1951.

Ritland, Hubert O., Associate Professor of Engineering, Idaho State College, Pocatello, Idaho. 1947.

Rittenhouse, Joseph W., Assistant Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1951.

Rittenhouse, L. H., Professor of Electrical Engineering, Emeritus, Haverford College, Haverford, Pa. *Life member.* **1906.**

Ritter, Irving F., Associate Professor of Mathematics, New York University, New York 53, N. Y. 1938.

Ritter, Mortimer C., Director, Fashion Institute of Technology, 225 West 24th St., New York 11, N. Y. 1948.

Ritter, Robert L., Instructor in Engineering Drawing, Marquette University, Milwaukee, Wis. 1950.

Rivard, Ephraim P., Assistant Professor of Electrical Engineering, U. S. Coast Guard Academy, New London, Conn. 1949.

Riveland, Arvin R., Instructor in Civil Engineering, University of Nebraska, Lincoln, Neb. 1949.

Rives, James A., Consulting Engineer, John B. McGaughy & Associates, 21st St. at Llewellyn Ave., Norfolk, Va. 1946.

Rizzi, Anthony V., Assistant Professor of Civil Engineering, Asst. Dir., Summer Session, College of the City of New York, New York 31, N. Y. 1940.

Roark, Raymond J., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1919.

Robb, David D., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1950.

Robbins, Floyd D., Assistant Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1948.

Robbins, James M., Professor and Executive Associate of Civil Engineering, Newark College of Engineering, Newark, N. J. 1937.

Robbins, Paul H., Executive Director, National Society of Professional Engineers, 1121 Fifteenth Street, Washington 5, D. C. 1939.

Roberson, John A., Instructor in Civil Engineering, State College of Washington, Pullman, Wash. 1951.

Robert, James M., Dean Emeritus, College of Engineering, Tulane University, New Orleans, La. (608 Beach Blvd., Waveland, Miss.) 1922.

Robert, June, Professor of Agricultural Engineering, State College of Washington, Pullman, Wash. 1947.

Robert, Rene A., Associate Professor of Physics, Ecole Polytechnique, Montreal, Canada. 1942.

Roberts, Charles P., Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1926.

Roberts, Clarence J., Instructor in Mathematics, Ohio Mechanics Institute, Cincinnati, Ohio. 1951.

Roberts, Donald S., Assistant Manager, Technical Personnel Division, General Electric Co., Schenectady, N. Y. 1946.

Roberts, Earl, Assistant Professor of Mathematics, Michigan College of M. & T., Houghton, Mich. 1945.

Roberts, Enos A., Assistant Professor of Economics and Accounting, University of Detroit, Detroit, Mich. 1945.

Roberts, J. Kent, Assistant Professor of Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1950.

Roberts, John P. 1949.

Roberts, Joseph K., General Manager of Research and Development, Standard Oil Co., Chicago, Ill. 1949.

Roberts, Marcus D., Assistant Professor of General Engineering, Purdue University, Lafayette, Ind. 1949.

Roberts, Milnor, Dean, Emeritus, School of Mineral Engineering, University of Washington, Seattle 5, Wash. 1910.

Roberts, William H., Adm. Assistant, Indianapolis Center, Purdue University, Indianapolis, Ind. 1949.

Roberts, William H., Jr., Assistant Professor of Mechanical Engineering, New York University, New York, N. Y. 1949.

Robertson, Burton J., Professor of Mechanical Engineering, Emeritus, University of Minnesota, Minneapolis 14, Minn. *Life member.* (*Member of Council, 1946–48; Vice President, 1947–50.*) 1922.

Robertson, Florence, Professor of Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

Robertson, James E., Associate Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1938.

Robertson, Percival, Professor of Chemistry and Geology, The Principia College, Elsah, Ill. 1945.

Robertson, Roy C., Associate Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1948.

Robertson, William D., Assistant Professor of Metallurgy, Yale University, New Haven, Conn. 1950.

Robinson, Blight, 600 Chestnut St., Perkasie, Pa. 1947.

Robinson, Charles S., Asst. Prin. Power Engr., E. I. duPont de Nemours and Co., Wilmington, Del. 1949.

Robinson, Frank J., Associate Professor of Industrial Engineering, Washington University, St. Louis, Mo. 1949.

Robinson, Max B., Dean of Cooperative Education, Fenn College, Cleveland, Ohio. (*Member of Council, 1949–51.*) 1915.

Robinson, Otto L., Associate Professor of Fire Protection Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

Robinson, Robert E., Jr., Assistant Director, Offc. of Scientific Personnel, Natl. Research Council, Washington 25, D. C. 1949.

Robinson, Robert F., Assistant Professor of Aero. Engineering, U. S. Air Force Institute of Technology, Wright-Patterson Air Force Base, Dayton, Ohio. 1951.

Robinson, Robert H., Associate Professor of Mathematics, Ecole Polytechnique, Montreal, Canada. 1942.

Robley, Asa A., Associate Professor, Industrial Engineering and Industrial Arts, Oregon State College, Corvallis, Ore. 1946.

Robley, Grant T., Assistant Dean, School of Engineering, Yale University, New Haven, Conn. 1949.

Robson, Fred B., Director, Tech. Training, Oklahoma City University, Oklahoma City, Okla. 1942.

Rode, Norman F., Professor of Electrical Engineering, Texas A. & M. College, College Station, Texas. 1936.

Rodes, Harold P., President, Ohio Mechanics Institute, Cincinnati, Ohio. 1944.

Rodgers, Lionel M., Project Engineer, Research Division, Philco Corp., Philadelphia, Pa. 1948.

Rodman, George E., Supervisor, Education and Training, Commonwealth Edison Co., 72 W. Adams St., Chicago 90, Ill. 1944.

Rodman, Harry E., Associate Professor of Architecture, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Rodriguez-Arias, Jorge H., Associate Professor and Chairman, Agricultural Engineering Dept., University of Puerto Rico, Mayaguez, P. R. 1948.

Roediger, Frederick, Fire Control Engineer, Development and Proof Services, Aberdeen Proving Ground, Md. 1948.

Roehl, James E., Design Engineer, Aero. Div., Minneapolis-Honeywell, Minneapolis, Minn. 1950.

Roemmele, Herbert F., Dean of Students, Division of Industrial & Student Relations, Cooper Union, New York 3, N. Y. 1927.

Roesch, Franklyn W., Instructor in Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1951.

ROEVER, FREDERICK H., Personnel Div., McDonnell Aircraft Corp., St. Louis, Mo. 1943.

ROGERS, CLARENCE J., Assistant Professor of General Engineering, Purdue University, Lafayette, Ind. 1948.

ROGERS, FRANKLYN C., Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1944.

ROGERS, FREDERICK W., Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1948.

ROGERS, H. BARRETT, Professor and Head, Dept. of Industrial Management, School of Commerce, Northwestern University, Evanston, Ill. 1940.

ROGERS, HARRY S., President, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. (*President, 1944–46; Vice President, 1932–33; Member of Council, 1928–31, 1944–49.*) 1922.

ROGERS, MAX F., Assistant Professor of Sanitary Engineering, Michigan State College, East Lansing, Mich. 1951.

ROGERS, RALPH I., Instructor in Mechanical Engineering, Indiana Technical College, Fort Wayne, Ind. 1948.

ROGERS, WALTER E., Assistant Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1950.

ROGERS, WILLARD L., Assistant Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1945.

ROGERS, WILLIAM B., Capt., U.S.A.R., Dept. of Military Topography and Graphics, U. S. Military Academy, West Point, N. Y. 1949.

ROGERS, WILLIAM W., Head, Mechanical Engineering Department, Long Island Agricultural and Technological Institute, Farmingdale, N. Y. 1950.

ROGNESS, MILTON L., Instructor in Engineering Drawing, Iowa State College, Ames, Iowa. 1951.

ROHLICH, GERARD A., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1938.

ROHR, WILLIAM F., Instructor in Engineering Drawing, Woodward High School, Toledo, Ohio. 1948.

ROHR, WILLIAM G., Instructor in Mechanical Engineering, University of Toledo, Toledo, Ohio. 1948.

ROHRBACH, GEORGE E., Associate Professor of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1938.

ROHRMAN, FREDERICK A., Professor and Executive Director, Engineering Experiment Station, University of Colorado, Boulder, Colo. 1946.

ROLLINS, EDWIN B., Professor of Electrical Engineering, Emeritus, Tufts College, Medford, Mass. *Life member.* 1912.

ROLLINS, FRANCIS W., Instructor in General Engineering, University of Washington, Seattle, Wash. 1950.

ROLLINS, JOHN P., Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1950.

ROLLINS, RALPH L., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1949.

ROMANOWITZ, HARRY A., Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1943.

RONEY, MAURICE W., Assistant Professor of Mechanics, Oklahoma A. & M. College, Stillwater, Okla. 1948.

ROOK, CHARLES W., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln 8, Nebr. 1944.

ROOK, GUSTAV, Assistant Professor of Drawing, Northeastern University, Boston, Mass. 1948.

ROOP, FRANK S., JR., Instructor in Mechanics, U. S. Military Academy, West Point, N. Y. 1946.

ROOS, PHILIP K., Associate Professor of Engineering Mechanics, The Pennsylvania State College, State College, Pa. 1939.

ROOT, JAMES A., Instructor in Civil Engineering, University of Vermont, Burlington, Vt. (Home: Jeffersonville, Vt.) 1949.

ROOT, RALPH E., Prof. of Math., Emeritus, U. S. N. Postgraduate School, Monterey, Calif. (Home: Annapolis, Md.) *Life member.* 1914.

ROSCOE, EDWIN S., Assistant Professor of Industrial Engineering, Pennsylvania State College, State College, Pa. 1948.

ROSE, AARON, Assistant Professor of Chemical Engineering, Washington University, St. Louis 5, Mo. 1947.

ROSE KENNETH E., Associate Professor and Head, Dept. of Mining and Metallurgical Engineering, University of Kansas, Lawrence, Kans. 1947.

ROSE, LISLE A., Director, Engineering Information and Publications, University of Illinois, Urbana, Ill. 1940.

ROSE, LOUIS H., Head, Dept. of Electrical Engineering, University of Dayton, Dayton, Ohio. 1937.

ROSE, MINARE F., Associate Professor of Mechanical Engineering, Tri-State College, Angola, Ind. 1948.

ROSE, NICHOLAS J., Assistant Professor of Mathematics, Stevens Institute, Hoboken, N. J. 1949.

ROSE, ROBERT L., Associate Research Engineer, Dept. of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1945.

ROSENSTEIN, ALLEN B., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

ROSENTHAL, DANIEL, Professor of Engineering, University of California at Los Angeles, Calif. 1947.

ROSENTHAL, PHILIP C., Professor of Mining and Metallurgy, University of Wisconsin, Madison, Wis. 1949.

ROSS, ANDREW W., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1949.

ROSS, RALPH M., Assistant Professor of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind. 1948.

ROSSELL, EVE, Lecturer in Industrial Engineering, Columbia University, New York, N. Y. 1950.

ROSSINI, FREDERICK D., Professor and Head of Chemistry, Carnegie Institute of Technology, Pittsburgh, Pa. 1950.

ROSSELOT, GERALD A., Director, Engineering Experiment Station, Georgia Institute of Technology, Atlanta, Ga. (*Vice President, 1950–52.*) 1943.

ROSSI, BONIFACE E., Executive Secretary, Pressure Vessel Research Commission, Welding Research Council, New York, N. Y. 1947.

ROTH, SIDNEY G., Assistant to the Dean, Division of General Engineering, New York University, New York 3, N. Y. 1942.

ROTHAUGE, CHARLES H., Associate Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1951.

ROTHBART, HAROLD A., Assistant Professor of Mechanical Engineering, College of the City of New York, New York, N. Y. 1948.

ROTTY, RALPH M., Instructor in Mechanical Engineering, Michigan State College, East Lansing, Mich. 1951.

ROUILLION, L. H., Director, Mechanics Institute, 20 West 44th St., New York 18, N. Y. 1948.

ROUNTREE, HARRY C., Dean, Community College and Technical Institute, Temple University, Philadelphia, Pa. (Home: 725 Wright St., Champaign, Ill.) 1948.

ROUSE, HUNTER, Professor of Fluid Mechanics and Director, Institute of Hydraulic Research, State University of Iowa, Iowa City, Iowa. *Third Recipient, George Westinghouse Award (1948).* 1948.

ROVELSTAD, HOWARD, Professor of Library Science and Director of Libraries, University of Maryland, College Park, Md. 1948.

ROWAN, WILLIAM H., Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1946.

ROWE, ALAN J., Instructor in Industrial Engineering, University of Southern California, Los Angeles, Calif. 1951.

ROWE, ALBERT A., Assistant Professor of Mechanical Engineering, Stanford University, Stanford University, Calif. 1947.

ROWE, C. M., Professor of English and Social Science, South Dakota School of M. & T., Rapid City, S. D. 1946.

ROWE CHARLES E., Professor of Drawing, Assistant Dean, University of Texas, Austin 12, Texas. 1935.

ROWE, ROBERT S., Associate Professor of Civil Engineering, New York University, New York 53, N. Y. 1951.

ROWLAND, WILLIAM G. 1946.

ROWLANDS, THOMAS M., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1947.

ROWLETT, WILLIAM C., Director, School of Automotive Trade, University of Houston, Houston, Texas. 1951.

ROWLEY, F. B., Professor Emeritus of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1910.

ROY, ROBERT H., Professor of Industrial Engineering & Asst. Dean of Engineering, Johns Hopkins University, Baltimore, Md. 1949.

ROYS, FRANCIS W., Dean of Engineering, Head, Dept. of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925.

ROYS, PERRY F., Instructor in Economics, Montana School of Mines, Butte, Mont. 1949.

RUBENKOENIG, HARRY, Professor of Railway Mechanical Engineering, Purdue University, Lafayette, Ind. 1920.

RUBEY, HARRY, Professor and Chairman, Department of Civil Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1932–35.*) 1917.

RUBINSKY, STANLEY, Assistant Professor of Mechanical Engineering, Norwich University, Northfield, Vt. 1950.

RÜDENBERG, REINHOLD, Gordon McKay Professor of Electrical Engineering, Graduate School of Engineering, Harvard University, Cambridge 38, Mass. 1944.

RUGGLES, EDWARD W., Director, College Extension Division, North Carolina State College, Raleigh, N. C. 1941.

RUHL, ROBERT C., Dean of Engineering, Indiana Technical College, Ft. Wayne, Ind. 1943.

RULE, JOHN T., Professor of Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1940.

RULEY, BRYCE T., 23 Maple St., Bristol, Conn. 1946.

RUMBLE, CHESTER A., 108 Gayle Ave., Panama City, Fla. 1948.

RUNDLE, WILLIAM J., Assistant Professor of Mining and Metallurgy, University of Wisconsin, Madison, Wis. 1948.

RUNGE, HARRIET M., Assistant Professor of Mathematics, Michigan College of Mining and Technology, Sault Ste. Marie, Mich. 1948.

RUNGE, LULU L., Assistant Professor of Mathematics, University of Nebraska, Lincoln, Nebr. 1940.

RUNKLE, LLOYD D., Assistant Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

RUPP, NATALIE C., Instructor in Humanistic-Social Dept., University of Washington, Seattle, Wash. 1950.

RUSH, N. ORWIN, Director of Library, University of Wyoming, Laramie, Wyo. 1950.

RUSH, PHILIP E., Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1939.

RUSHTON, JOHN H., Professor and Director, Dept. of Chemical Engineering, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1950–52.*) 1935.

RUSINOFF, SAMUEL E., Associate Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

RUSS, JOHN M., Professor of Engineering Drawing, State University of Iowa, Iowa City, Iowa. 1924.

RUSS, RICHARD B., Assistant Professor of Electrical Engineering, Union College, Schenectady, N. Y. 1951.

RUSSELL, ARTHUR L., Head of Electrical Dept., Franklin Technical Institute, Boston, Mass. 1951.

RUSSELL, CHESTER, Professor of Electrical Engineering and Resident Director, Sault Ste. Marie Branch, Michigan College of M. & T., Sault Ste. Marie, Mich. 1930.

RUSSELL, DORIS A., House Director and Tutor of Physics and English, 31 Bradshaw St., Dorchester, Mass. 1944.

RUSSELL, FREDERICK A., Associate Professor of Electrical Engineering, Executive Associate, Department of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1943.

RUSSELL, PAUL E., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison 6, Wis. 1951.

RUSSELL, LOU L., Director, Placement Center, University of Houston, Houston, Texas. 1950.

RUSSELL, RALSTON, JR., Professor of Ceramic Engineering, The Ohio State University, Columbus 10, Ohio. 1946.

RUSSELL, ROLLIN M., Vice President, Engineering, Radioplane Co., Van Nuys, Calif. 1949.

RUSSO, HAROLD L., Electrical Engineer, Dravo Corp., Pittsburgh, Pa. 1949.

RUST, HOWARD O., Assistant Director of Engineering Shop Practice, University of Kansas, Lawrence, Kans. 1951.

RUSTEBAKKE, H. M., Assistant Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1950.

RUTEN, WILLIAM H., Associate Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1938.

RUTH, BURRELL F., Professor of Chemical Engineering, Iowa State College, Ames, Iowa. 1936.

RUTLAND, LEON W., Instructor in Applied Mathematics in the College of Engineering, University of Colorado, Boulder, Colo. 1948.

RUTLEDGE, PHILIP C., Professor and Chairman, Department of Civil Engineering, Northwestern University, Evanston, Ill. 1937.

RYAN, DAVID G., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1941.

RYAN, JAMES J., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1943.

RYAN, MORDICA M., Head, Dept. of Chemistry, Lawrence Institute of Technology, Highland Park, Detroit 3, Mich. 1947.

RYAN, NORMAN W., Associate Professor of Chemical Engineering, University of Utah, Salt Lake City, Utah. 1951.

RYAN, WALTER G. H., Associate Professor of Personnel Relations, Newark College of Engineering, Newark, N. J. 1951.

RYAN, WILLIAM F., Engineering Manager & Vice President, Stone and Webster Engineering Corp., Boston, Mass. 1949.

RYCKMAN, DEVERE W., Assistant Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1949.

RYCKMAN, SEYMOUR J., Associate Professor of Civil Engineering, University of Maine, Orono, Maine. 1942.

RYDER, JOHN D., Professor and Head of Electrical Engineering Dept., University of Illinois, Urbana, Ill. 1941.

RYON, LEWIS B., Professor and Head, Department of Civil Engineering, Rice Institute, Houston 1, Texas. 1925.

SAAD, MICHEL A., National University of Syria, College of Engineering, Aleppo, Syria. 1947.

SABBAGH, ELIAS M., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1930.

SABOTT, FREDERICK K., Instructor in Chemistry, Colorado School of Mines, Golden, Colo. 1947.

SADLER, WALTER C., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1940.

SAGADY, ALEXANDER J., Instructor in Engineering Drawing, Detroit Institute of Technology, Detroit, Mich. 1950.

SAGEN, GEORGE O., Chairman, Science Dept., Bakersfield College, Bakersfield, Calif. 1934.

SAGURTON, JAMES R. 1947.

SAHAG, LEON M., Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1927.

SAIDLA, LEO E. A., Professor and Head, Dept. of English, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1944.

ST. CLAIR, CHARLES R., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

ST. CLAIR, OSCAR A., Professor and Head, Industrial Engineering and Engineering Drawing, Texas Technological College, Lubbock, Texas. 1934.

SALAMONE, JEROME J., Assistant Professor of Chemical Engineering, Newark College of Engineering, Newark, N. J. 1948.

SALERNO, JOSEPH, Instructor in Electrical Engineering, Clarkson College, Potsdam, N. Y. 1950.

SALMA, EMANUEL A., Associate Professor of Mechanical Engineering, New York University, New York, N. Y. 1930.

SALTMARSH, VIOLA, Director of Placement, Tufts College, Medford, Mass. 1949.

SALTZ, FRED, Assistant Professor of Machine Design, Cornell University, Ithaca, N. Y. 1950.

SALTZER, BERTRAM H., Engineering Recruiting and Train. Supvr., Wright Aero. Corp., Wood-Ridge, N. J. 1936.

SAMPSON, MARTIN W., Associate Professor of Industrial and Engineering Administration, Cornell University, Ithaca, N. Y. 1941.

SAMPSON, ROGER W., Instructor in Electrical Engineering, University of Florida, Gainesville, Fla. 1951.

SAMS, JAMES H., Dean and Professor of Mechanical Engineering, Clemson Agricultural College, Clemson, S. C. 1946.

SANBORN, H. D., District Manager Educational Service Div., General Electric Co., Chicago 80, Ill. 1945.

SANCHEZ, JUAN H., Professor & Head of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. 1947.

SANCHEZ-DIAZ, RAFAEL, Professor and Head, Dept. of Mathematics, New Mexico School of Mines, Socorro, N. M. 1948.

SANDERS, CHARLES G., Assistant Professor of Engineering Drawing, Iowa State College, Ames, Iowa. 1951.

SANDERS, WILLIAM B., Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1922.

SANDERSON, ALBERT E., Assistant Professor of Drawing, Northeastern University, Boston, Mass. 1948.

SANDFORT, JOHN F., Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1946.

SANDORF, IRVING J., Professor and Chairman, Department of Electrical Engineering, University of Nevada, Reno, Nev. 1938.

SANDVIG, ROBERT L., Assistant Professor of Chemistry, South Dakota School of Mines, Rapid City, S. D. 1949.

SANFORD, CARL N., Professor and Head, Dept. of Aeronautical Engineering, Iowa State College, Ames, Iowa. 1946.

SANFORD, FRANK E., Asst. Chief Elec. Engr., Commonwealth Services, Inc., Jackson, Mich. 1948.

SANFORD, GEORGE W., Associate Professor of Engineering Administration, Case Institute of Technology, Cleveland, Ohio. 1951.

SANFORD, JOHN R., Instructor in Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

SANGER, FREDERICK J., Associate Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1947.

SANGSTER, WILLIAM M., Assistant Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1948.

SANKS, ROBERT L., Assistant Professor of Civil Engineering, University of Utah, Salt Lake City, Utah, 1951.

SANNER, WALTER E., Dean of Engineering, Heald Engineering College, San Francisco, Calif. 1950.

SANTRY, ISRAEL W., JR., Associate Professor of Civil Engineering, Southern Methodist University, Dallas 5, Texas. 1942.

SARBACHER, ROBERT L., Dean, Graduate Division, Georgia Institute of Technology, Atlanta, Ga. 1941.

SASIN, GEORGE S., Professor of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1948.

SATTERLEY, WILLIAM O., Assistant Professor of General Engineering, Purdue University, Lafayette, Ind. 1951.

SATTERTHWAITE, FRANKLIN E., Quality Control Engineer, Plastics Dept., General Electric Co., Pittsfield, Mass. 1949.

SATULLO, ANTHONY R., Special Instructor in Electrical Engineering, Wayne University, Detroit, Mich. 1941.

SAUDER, JOHN L., Instructor in Drawing, University of Virginia, Charlottesville, Va. 1946.

SAUER, FRANCIS, Instructor in Science and Vocations, Pitkin Middle School, Kiungchow, Hainan Island, South China. 1947.

SAUER, JOHN A., Professor and Head, Dept. of Engineering Mechanics, Pennsylvania State College, State College, Pa. 1948.

SAUER, RAYMOND W., Instructor in Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

SAVAGE, JOHN A., Instructor in Electrical Engineering, Southern Methodist University, Dallas, Texas. (In Service.) (Home: 2480 Virginia St., Apt. 2, Berkeley 9, Calif.) 1949.

SAVAGE, ROBERT L., Professor of Chemical Engineering, Case Institute of Technology, Cleveland, Ohio. 1949.

SAVANT, D. P., Professor and Head, School of Electrical Engineering, Vice Dean of Engineering, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council, 1940–43.*) 1917.

SAVILLE, THORNDIKE, Dean, College of Engineering, New York University, University Heights, New York 53, N. Y. (*Member of Council, 1943–46; Vice President, 1948–49; President, 1949–50.*) 1915.

SAVITSKI, MICHAEL J., Assistant Professor of Mechanical Engineering, University of Dayton, Dayton 9, Ohio. 1948.

SAWYER, HERBERT A., JR., Associate Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1947.

SAWYER, RAYMOND B., Associate Professor of Physics, Lehigh University, Bethlehem, Pa. 1951.

SAWYER, WILLIAM L., Professor & Head of Engineering Mechanics, University of Florida, Gainesville, Fla. 1949.

SAWYER, WILLIAM R., Vice Commandant and Director of Studies, Royal Military College of Canada, Kingston, Ont., Canada. 1951.

SAXTON, REN G., Professor and Head, Dept. of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1925.

SAYRE, JOSEPH E., Electronic Engineer, Watson Laboratories, Red Bank, N. J. 1947.

SAYRE, MORTIMER F., Professor of Applied Mechanics and Director of Extension, Union College, Schenectady 8, N. Y. 1917.

SCALZI, JOHN B., Associate Professor of Civil Engineering, Case Institute of Technology, Cleveland, Ohio. 1949.

SCANLAN, JACK A., Assistant Professor of Mechanical Engineering and Associate Director, Engine Research Lab., University of Texas, Austin, Texas. 1947.

SCHADE, GEORGE E., Instructor in Physics, Colorado School of Mines, Golden, Colo. 1947.

SCHAEFER, RODNEY A., Assistant Professor of Mechanics, Missouri School of Mines, Rolla, Mo. 1951.

SCHAFFNER, CHARLES E., Associate Professor of Civil Engineering, Director of Evening Session, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1943.

SCHAMEHORN, ERNEST C., Engineer, Pneumatics GP., Boeing Airplane Co., Seattle 2, Wash. (Home: 2321-C Fairview N., Seattle 2, Wash.) 1950.

SCHARF, ROBERT S., Assistant Professor of Social Science, Georgia Institute of Technology, Atlanta, Ga. 1950.

SCHART, WILLIAM J., Research Engineer, Radio and Electrical Laboratories, Consolidated Vultee Aircraft Corp., San Diego, Calif. 1944.

SCHATZ, EDWARD R., Assistant Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

SCHEALER, SAMUEL R., Professor and Head, Dept. of Electrical Engineering, Vanderbilt University, Nashville 4, Tenn. 1911.

SCHEER, ALFRED C., Assistant Professor of Civil Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1951.

SCHEIFLY, CLAUDE K., Professor of Modern Languages and History, Worcester Polytechnic Institute, Worcester, Mass. 1939.

SCHEINMAN, JAY, Lecturer in Engineering Design, University of California, Berkeley, Calif. 1943.

SCHELL, ERWIN H., Professor in Charge of Business and Engineering Administration, Massachusetts Institute of Technology, Cambridge, Mass. 1940.

SCHERMERHORN, JAMES R., A. P. O. 404, San Francisco, Calif. 1947.

SCHICK, LAWRENCE E., Professor and Head, Dept. of Military Topography and Graphics, U. S. Military Academy, West Point, N. Y. 1948.

SCHIETINGER, JAMES R., Assistant Professor of Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. 1949.

SCHILLING, EUGENE W., Dean of Engineering, Head, Dept. of Electrical Engineering, Montana State College, Bozeman, Mont. 1935.

SCHILLING, HAROLD K., Dean of Graduate School, Professor, Department of Physics, Pennsylvania State College, State College, Pa. 1948.

SCHILZ, CARL E., Associate Professor of Chemistry, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

SCHINDLER, LEON W., Assistant Professor of Mechanical Engineering, 8702 Minnehaha Lane, Kansas City, Mo. 1950.

SCHINDLER, RICHARD R., Sanitary Engineer, Los Angeles County Flood Control Dist., Los Angeles, Calif. 1948.

SCHINDLER, TURFIELD D., President, Lower Columbia Junior College, Longview, Wash. 1950.

SCHJONBERG, CARL S., Associate Professor of Electrical Engineering, Michigan College of M. & T., Houghton, Mich. 1945.

SCHLECHTEN, ALBERT W., Professor and Chairman, Department of Metallurgical Engineering, Missouri School of Mines, Rolla, Mo. 1945.

SCHLEGEL, EDWARD J., Assistant Professor of Technical Drawing, Bradley University, Peoria 5, Ill. 1942.

SCHLENK, WILLIAM F., Associate Professor of Civil Engineering, 138 Eastern Ave., Gloucester, Mass. 1949.

SCHLESINGER, S. PERRY, Assistant Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1949.

SCHLICK, WILLIAM J., Research Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1946.

SCHLOSSER, FRANCIS, Assistant Professor of Chemistry, Purdue University, Hammond, Ind. 1948.

SCHMELZER, RICHARD W., Chairman, Public Relations, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

SCHMIDT, ALOIS X., Associate Professor of Chemical Engineering, City College of New York, New York, N. Y. 1950.

SCHMIDT, BERNARD M., Assistant Professor of Electrical Engineering, University of Dayton, Dayton, Ohio. 1949.

SCHMIDT, HARRY P., Dean of Men, Jamestown College, Jamestown, N. D. 1930.

SCHMIDT, MILTON O., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1943.

SCHMIEDER, ALBERT K., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1949.

SCHMITTER, WALTER P., Chief Engineer, The Falk Corporation, Milwaukee, Wis. 1949.

SCHNEIDER, CHARLES S., Assistant to Director Research Division, College of Engineering, New York University, New York, N. Y. 1950.

SCHNEIDER, ROBERT R., Instructor in General Engineering, University of Southern California, Los Angeles, Calif. 1951.

SCHNEIDER, RUDOLPH P., Assistant Professor of Industrial Engineering, The Ohio State University, Columbus, Ohio. 1948.

SCHNEIDER, THEODORE A., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1943.

SCHNEIDEWIND, RICHARD, Associate Professor of Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

SCHNEYER, RAYMOND I., Assistant Professor of Aeronautical Engineering. 1950.

SCHOCK, EDSON I., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1937.

SCHODER, ERNEST W., Professor of Civil Engineering, Emeritus, Cornell University, Ithaca, N. Y. 1934.

SCHOEN, JOHN E., Director of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1948.

SCHOENBORN, EDWARD M., JR., Professor and Head, Dept. of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1935.

SCHOENHERR, KARL E., Dean of Engineering, University of Notre Dame, Notre Dame, Ind. 1946.

SCHOFIELD, WENTWORTH H., Apt. 2031A, S. John Russell Circle, Lynnewood Garden, Elkins Park, Philadelphia, Pa. 1950.

SCHOLER, CHARLES H., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1925.

SCHOLES, SAMUEL R., Professor and Head, Glass Technology Dept., New York State College of Ceramics, Alfred, N. Y. 1945.

SCHOLL, LLOYD W., Assistant Professor of Architecture, Extension Division, Purdue University, Indianapolis, Ind. 1948.

SCHOMMER, JOHN T., Professor Emeritus of Industrial Chemistry, Director of Placement, Illinois Institute of Technology, Chicago 13, Ill. 1928.

SCHONE, FRANK P., Associate Professor of Engineering Drawing, State University of Iowa, Iowa City, Iowa. 1948.

SCHOONMAKER, LUCAS E., Assistant Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1948.

SCHOONOVER, BONNIE-BLANCHE, Librarian, Worcester Polytechnic Institute, Worcester 2, Mass. 1943.

SCHOONOVER, REX H., Assistant Dean, College of Engineering, Wayne University, Detroit, Mich. 1937.

SCHORR, WILHELM E. 1949.

SCHOTT, ARTHUR E., Instructor in Electrical Engineering. 1950.

SCHOTT, FREDERICK W., Assistant Professor, University of California, Los Angeles, Calif. 1950.

SCHRADER, HERMAN J., Research Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1925.

SCHRAGE, CHARLES T., Employment Engineer, Personnel Department, New York Tel. Co., 140 West St., New York 7, N. Y. 1946.

SCHRAMM, E. FRANK, Chairman, Dept. of Geology, University of Nebraska, Lincoln, Nebr. 1940.

SCHRAUT, KENNETH C., Professor of Mathematics, University of Dayton, Dayton, Ohio. 1947.

SCHREIBER, HERBERT F., Supervisor, U.S.A.F. Extension Course Unit, USAF Radio School, Belleville, Ill. 1949.

SCHREIBER, NORMAN B., Professional Lecturer in Industrial Management, Illinois Institute of Technology, Chicago, Ill. 1943.

SCHRENK, WALTER T., Professor and Head, Dept. of Chemical Engineering and Chemistry, Missouri School of Mines, Rolla, Mo. 1939.

SCHROEDER, ERVIN W., Professor and Head, Dept. of Agricultural Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1947.

SCHROEDER, ROY W., Assistant Professor of Mechanical Engineering, University of Illinois, Navy Pier, Chicago, Ill. 1948.

SCHROEPFER, GEORGE J., Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1945.

SCHRUBEN, L. R., Associate Professor of Engineering Drawing, University of Southern California, Los Angeles, Calif. 1946.

SCHUBERT, ARNO G., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

SCHUBMEHL, RAYMOND J., Professor of Mechanics, University of Notre Dame, Notre Dame, Ind. 1938.

SCHUCK, ROBERT F., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1925.

SCHUFLE, JOSEPH A., Assistant Professor of Chemistry, New Mexico School of Mines, Socorro, N. M. 1948.

SCHUHMANN, REINHARDT, JR., Associate Professor of Metallurgy, Massachusetts Institute of Technology, Cambridge, Mass. 1942.

SCHULTZ, ANDREW S., JR., Professor & Head of Industrial Engineering, Cornell University, Ithaca, N. Y. 1949.

SCHULTZ, CLARENCE W., Engineering Dept., J. P. Seeburg Corp., 1510 N. Dayton St., Chicago 22, Ill. 1950.

SCHULTZ, FLOYD VAN NEST, Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1951.

SCHUMANN, FRED., Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1944.

SCHUTE, FRANK A., Instructor in Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

SCHUYLER, ROBERT T. E., Manager, Southern District, McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York 18, N. Y. 1951.

SCHUYLER, WILLIAM H. 1943.

SCHWAB, ALLEN T., Assistant to the Dean, School of Engineering, Columbia University, New York, N. Y. 1948.

SCHWALEN, HAROLD C., Professor & Head of Agri. Engineering, University of Arizona, Tucson, Ariz. 1949.

SCHWALJE, JOSEPH L., Project Engineer, Merck & Co., Inc., Rahway, N. J. 1948.

SCHWANTES, ARTHUR J., Professor and Chief, Division of Agricultural Engineering, University of Minnesota, St. Paul 1, Minn. 1926.

SCHWARTZ, EDMUND I., Instructor in Electrical Engineering, New York University, New York, N. Y. 1949.

SCHWARTZ, FRANK L., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1948–50.*) 1930.

SCHWARZLOSE, PAUL F., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1942.

SCHWEIZER, HERBERT H., Instructor in Civil Engineering, Colorado A. & M. College, Fort Collins, Colo. 1949.

SCHWEYER, HERBERT E., Professor of Chemical Engineering, University of Florida, Gainesville, Fla. 1948.

SCHWIEGER, ALBERT J., Professor and Head, Dept. of Economics, Govt. & Bus., Worcester Polytechnic Institute, Worcester, Mass. 1938.

SCODELLARO, PRIMO M., Instructor in Engineering, University of Detroit, Detroit, Mich. 1949.

SCOFIELD, J. HARRY, Professor of Mechanical Engineering, Colorado A. & M. College, Ft. Collins, Colo. 1938.

SCORAH, RALPH, Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1945.

SCOTT, CHARLES R., JR., Associate Professor of Management, School of Commerce and Business Administration, University of Alabama, Tuscaloosa, Ala. 1946.

SCOTT, ERMAN O., Professor of Engineering Mechanics, University of Toledo, Toledo, Ohio. 1941.

SCOTT, GEORGE H., Assistant Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1948.

SCOTT, JOHN E., Physicist, Naval Electronics Lab., San Diego, Calif. 1943.

SCOTT, KENNETH E., Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1951.

SCOTT, NORMAN R., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

SCOTT, PEARL A., Instructor, Technical Department, Central Radio and Television Schools, Kansas City, Mo. 1950.

SCOTT, RONALD E., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

SCOTTRON, VICTOR E., Associate Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1951.

SCRANTON, WILLIAM W., Vice President, International Textbook Co., Scranton 9, Pa. 1947.

SCRIVNER, CHARLES A., Instructor in Engineering, Marshall College, Huntington, W. Va. 1950.

SCULL, HERBERT M., Associate Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1947.

SEABOCH, JAMES R., Instructor in Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1950.

SEAL, PHILIP M., Associate Professor of Electrical Engineering, University of Maine, Orono, Maine. 1943.

SEARS, FRANCIS W., Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1945.

SEATON, ROY A., Dean Emeritus, School of Engineering and Architecture, Kansas State College, Manhattan, Kans. (*President, 1932–33; Vice President, 1930–31; Member of Council, 1926–29, 1930–46.*) *Fifteenth Recipient, Lamme Medal (1942).* 1912.

SEBAST, FREDERICK M., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1945.

SECHRIST, GILBERT H., Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1927.

SEDGEWICK, CHARLES H. W., Professor of Mathematics, University of Connecticut, Storrs, Conn. 1944.

SEDLANDER, NORMAN R., Instructor in Engineering Drawing, Michigan State College, East Lansing, Mich. 1948.

SEEGER, CHARLES L., III, c/o O. E. H. Rydbeck Chalmers University, Gotenburg, Sweden. 1946.

SEEGER, EDWIN W., Vice President in charge of Development, Assistant Secretary, Cutler-Hammer Inc., 315 N. 12th St., Milwaukee 1, Wis. 1946.

SEEGER, RAYMOND J., Chief, Aeroballistic Research Dept., Naval Ordinance Lab., Silver Spring, Md. 1950.

SEELEY, LAUREN E., Dean, College of Technology, University of New Hampshire, Durham, N. H. 1935.

SEELEY, WALTER J., Professor and Chairman, Dept. of Electrical Engineering, Duke University, Durham, N. C. 1927.

SEELY, F. B., Professor and Head, Dept. of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1937–40.*) 1913.

SEELY, JOHN F., Assistant Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1941.

SEELY, SAMUEL, Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1942.

SEFING, FREDERICK G., Research Metallurgist, International Nickel Co., 67 Wall St., New York, N. Y. 1947.

SEIBEL, ROBERT C., Associate Professor of Electrical Engineering, Montana State College, Bozeman, Mont. 1947.

SEIBERT, CHARLES B., Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1942.

SELBY, SAM, Professor and Head, Dept. of Mathematics, University of Akron, Akron, Ohio. 1946.

SELFRIDGE, BEN D., Design Engineer, Consolidated Aircraft Corp., San Diego, Calif. 1948.

SELLECK, RICHARD R., Assistant Professor of Electrical Engineering, Ohio University, Athens, Ohio. 1949.

SELLERS, GABE A., Professor and Head, Department of Shop Practice, Kansas State College, Manhattan, Kans. 1948.

SELLS, JACKSON S., Assistant Professor of Electrical Engineering, University of Miami, Coral Gables, Fla. 1950.

SELVIDGE, HARNER, Director, Special Products Development, Bendix Aviation Corp., Fisher Bldg., Detroit 2, Mich. 1938.

SEMELSBERGER, ROBERT, Director, Scranton Unit of Temple University, 322 Washington Ave., Scranton, Pa. 1949.

SEN, GOPAL C., Associate Professor, Mechanical Engineering Department, College of Engineering and Technology, Jadavpur College, Bengal, Calcutta, India. 1948.

SEN, TRIGUNA C., Principal of Jadavpur College, West Bengal, India. 1948.

SENEFF, HAROLD L., Assistant Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1949.

SENNE, JOHN E., Assistant Professor of Engineering Drafting, Washington University, St. Louis, Mo. 1947.

SERGEV, S., Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1943.

SERMON, THOMAS C., Professor and Head, Physics Dept., Michigan College of M. & T., Houghton, Mich. 1950.

SERVICE, JERRY H., Professor and Head, Retired, Dept. of Physics, Michigan College of Mining and Technology, Houghton, Mich. 1947.

SERVISS, FRED L., Professor of Geology, Purdue University, Lafayette, Ind. 1929.

SESSUMS, ROY T., Dean, School of Engineering, Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. *Life member.* 1939.

SETCHELL, JOHN E., Assistant Professor Emeritus of Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1927.

SETTE, FRANCIS J., Assistant Director, Programs Division, Research and Development Board, Washington 25, D. C. 1925.

SETTERBERG, WILLIAM N., Dean of Men, Head, Dept. of Engineering, Junior College of Benton Harbor, Benton Harbor, Mich. 1951.

SEVERSON, ASBJORN M., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

SEVERSON, DONALD E., Associate Professor of Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1948.

SEWARD, HERBERT L., Professor Emeritus of Mechanical and Marine Engineering, Yale University, New Haven, Conn. *Life member.* 1910.

SEXTON, F. H., President, Nova Scotia Technical College, Retired, Halifax, Nova Scotia. *Life member.* 1908.

SEYER, WILLIAM F., Professor of Engineering, University of California, Los Angeles, Calif. 1949.

SEYMOUR, RAYMOND B., Technical Director, The Atlas Mineral Products Co., Mertztown, Pa. 1947.

SHAFFER, HAROLD A., Associate Professor of Engineering Drawing, Bucknell University, Lewisburg, Pa. 1927.

SHAFFER, L. E., Professor of Mining, University of California, Berkeley 4, Calif. 1949.

SHAFFER, RICHARD F., Associate Professor of Chemical Engineering, and Dept. Head, Curriculum Chairman, Pratt Institute, Brooklyn 5, N. Y. 1948.

SHAFFER, ROBERT E., Associate Professor of Mechanical Engineering, University of Buffalo, Buffalo 14, N. Y. 1943.

SHAHDAN, PETER, Instructor in Mathematics, North Carolina State College, Raleigh, N. C. 1950.

SHALLENE, WILBERT E., Assistant Professor of Drawing, University of Texas, Austin, Texas. 1948.

SHANK, RALPH J., Professor of Civil Engineering, Assistant Director, Engineering Experiment Station, The Ohio State University, Columbus 10, Ohio. 1919.

SHANK, RICHARD R., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1951.

SHANKS, WILLIAM D., Senior Tech. Instructor, Product Service Dept., General Motors Institute, Flint, Mich. 1951.

SHAPIRO, ASCHER H., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

SHAPIRO, LEONARD, Assistant Instructor in Civil Engineering, Newark College of Engineering, Newark, N. J. 1949.

SHAPIRO, SAMUEL E., Assistant Professor of General Engineering Drawing, University of Illinois, Navy Pier, Chicago, Ill. 1947.

SHAROFF, MICHAEL, Instructor in Engineering Drafting, University of Detroit, Detroit, Mich. 1947.

SHARP, ARNOLD G., Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1950.

SHARP, DONALD W., Instructor, Technical Department, Central Radio and Television Schools, Kansas City, Mo. 1950.

SHARP, H. OAKLEY, Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

SHARPE, NORMAN, Head, Refrigeration and Air Conditioning Dept., California State Polytechnic College, San Luis Obispo, Calif. 1949.

SHATTUCK, EUGENE J., Instructor in Civil Engineering, Manhattan College, New York, N. Y. 1948.

SHAUGHNESSY, THOMAS E., Deputy for Education, The Ordnance School, Aberdeen P. G., Md. 1951.

SHAVER, ROBERT E., Head, Department of Civil Engineering, University of Kentucky, Lexington, Ky. 1943.

SHAW, CLYDE E., Head, Dept. of Electrical Engineering, Tri-State College, Angola, Ind. 1942.

SHAW, G. MERRILL, Head and Associate Professor of Engineering Drawing, Utah State Agriculture College, Logan, Utah. 1950.

SHAW, G. REED, Associate Professor of Geodesy and Transportation, Rensselaer Polytechnic Institute, Troy, N. Y. 1940.

SHAW, H. WALTER, Manager, Technical Education Department, McGraw-Hill Book Company, Inc., New York, N. Y. 1950.

SHEA, HERMAN J., Associate Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1947.

SHEA, JOSEPH F., Research Engineer, Bell Telephone Labs., Inc., Murray Hill, N. J. 1950.

SHECKELS, G. DALE, Associate Professor of Electrical Engineering, Montana State College, Bozeman, Mont. 1945.

SHEDD, JACK P., Assistant Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1947.

SHEDD, PAUL C., Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1928.

SHEDD, THOMAS C., Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1925.

SHEEHAN, WILLIAM M., Vice President, General Steel Castings Corp., Eddystone, Pa. 1945.

SHEFLOE, REUBEN E., Engineer, Experimental Twin Cities Arsenal, New Brighton, Minn. 1950.

SHELDON, H. HORTON, Coordinator of Research Engineering, University of Miami, Coral Gables, Fla. 1947.

SHELDON, ROBERT C., Associate Professor of Civil Engineering, Ohio Northern University, Ada, Ohio. 1949.

SHELLY, VAN C., Instructor in Engineering Drawing, Manhattan College, New York, N. Y. 1949.

SHELTON, EDGAR G., Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1947.

SHELTON, EDWARD E., Assistant Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1942.

SHENK, DONALD H., Chief, Engineering Gr. Research, Redstone Arsenal, Huntsville, Ala. 1928.

SHENTON, JAMES E., Instructor in Mechanical Engineering, Institute of Applied Arts & Sciences, State University of New York, Buffalo, N. Y. 1950.

SHEPARD, GEORGE M., Chief Engineer, Dept. of Public Works, 234 City Hall, St. Paul, Minn. 1947.

SHEPHERD, MARSHAL L., Instructor in Electrical Engineering Dept., 200—38th Ave. N., Myrtle Beach, S. C. 1944.

SHEPHERD, WILLIAM G., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

SHEPPARD, H. S., Apparatus Staff Engineer, American Tel. & Tel. Co., Inc., 195 Broadway, New York, N. Y. 1914.

SHEPPERD, W. B., Associate Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1943.

SHERLIN, GROVER C., JR., Hydraulic Engineer, National Bureau of Standards, Washington, D. C. 1949.

SHERLOCK, ROBERT H., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1925.

SHERMAN, GEORGE W., JR., Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1929.

SHERMAN, KENNETH S., Associate Professor of Electrical Engineering, Fenn College, Cleveland, Ohio. 1949.

SHERMAN, THEODORE A., Associate Professor of English, University of Idaho, Moscow, Idaho. 1950.

SHERMAN, WARREN K., Associate Professor of Electrical Engineering and Architecture, Howard University, Washington, D. C. 1950.

SHERMAN, WILSON R., Comdr. USNR, Chief of Naval Operations, Navy Department, Washington, D. C. 1943.

SHERMER, CARL L., Associate Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1950.

SHERRARD, EDWIN A., Assistant Professor of Mechanical Engineeering, Thayer School of Engineering, Hanover, N. H. 1947.

SHERWOOD, ROBERT S., Engineer, Worthington Pump & Machinery Corp., Harrison, N. J. 1940.

SHERWOOD, THOMAS K., Dean of Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

SHICK, WAYNE L., Assistant Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1940.

SHIDEMAN, EDWARD G., Associate Professor of Mechanical Engineering, Tri-State College, Angola, Ind. 1949.

SHIELDS, PAUL E., Assistant Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1949.

SHIELS, KENNETH G., Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1937.

SHIGLEY, JOSEPH E., Professor and Head, Dept. of Engineering Drawing and Design, Clemson Agricultural College, Clemson, S. C. 1942.

SHILLING, GEORGE D., Assistant Professor of Engineering, Kansas State College, Manhattan, Kansas. 1950.

SHILTS, WALTER L., Head, Dept. of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1936.

SHIMIZU, KINJI, President, Nagoya Institute of Technology, Dr. of Engrg., Nagoya, Japan. 1950.

SHINE, BARTHOLOMEW J., Professor of Structural Engineering, University of Cincinnati, Cincinnati, Ohio. 1943.

SHIPLEY, E. D., Asst. Director of Research and Development, Oak Ridge National Laboratory, Union Carbide & Carbon Chem. Corp., Oak Ridge, Tenn. 1941.

SHIRES, LUKE B., Professor of Chemical Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1940.

SHIRLEY, DELBERT W., JR., Assistant Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1950.

SHIRLEY, JOHN W., Dean, Basic Division of the College, North Carolina State College, Raleigh, N. C. 1950.

SHOBE, LOUIS R., Associate Professor of Civil Engineering, University of Tennessee, Knoxville 16, Tenn. 1947.

SHODRON, JOHN G., Assistant Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1950.

SHOOK, PAUL S., Assistant Planning Director, The F. & R. Lazarus Co., Columbus, Ohio. 1944.

SHOOP, CHARLES F., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. *Life member.* 1906.

SHOREY, EDWIN R., Professor of Mining and Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1948.

SHOREY, LAWRENCE F., Assistant Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1926.

SHORT, BYRON E., Professor of Mechanical Engineering, University of Texas, Austin, Texas. (*Member of Council, 1946–48.*) 1931.

SHORT, W. IRWIN, Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1934.

SHORT, WALTER E., Instructor in Engineering, Bradley University, Peoria, Ill. 1947.

SHOTTS, REYNOLD Q., Professor of Mining Engineering, University of Alabama, University, Ala. 1947.

SHREVE, R. NORRIS, Professor of Chemical Engineering, Head, School of Chemistry and Metallurgical Engineering, Purdue University, Lafayette, Ind. 1930.

SHRUM, WAYNE, Representative, Publishing Dept., International Textbook Co., Indianapolis, Ind. 1949.

SHULMAN, HERMAN L., Associate Professor of Chemical Engineering, Clarkson College, Potsdam, N. Y. 1948.

SHUMAKER, CLIFFORD H., Professor of Mechanical Engineering, Southern Methodist University, Dallas 5, Texas. 1943.

SHUMWAY, WALDO, Dean, Stevens Institute of Technology, Hoboken, N. J. 1947.

SHUPE, HOLLIE W., Professor of Engineering Drawing, The Ohio State University, Columbus 10, Ohio. 1946.

SHURRAGER, PHIL S., Professor and Chairman, Dept. of Psychology and Education, Illinois Institute of Technology, Chicago 16, Ill. 1947.

SHUSTER, ROBERT L., Professor and Director, Humanistic-Social Division, Case Institute of Technology, Cleveland 6, Ohio. (*Member of Council, 1949–51.*) 1943.

SHUTTS, HERMAN A., Chairman, Mathematics Department, Fairmont State College, Fairmont, W. Va. 1948.

SIBERT, HAROLD W., Professor of Aeronautical Engineering, University of Colorado, Boulder, Colo. 1950.

SIBILA, KENNETH F., Professor and Head, Dept. of Electrical Engineering, University of Akron, Akron, Ohio. 1941.

SIDLE, ROBERT G., Chairman of Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

SIDWELL, CARROLL V., Professor of Petroleum Production Engineering, University of Tulsa, Tulsa, Okla. 1950.

SIEBERT, CLARENCE A., Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1945.

SIEGEL, MARTIN J., Instructor in Mechanical Engineering, University of Dayton, Dayton, Ohio. 1948.

SIEGFRIED, ROBERT H., Assistant Professor of Engineering Drawing, Cornell University, Ithaca, N. Y. 1946.

SIEGFRIED, VICTOR, Chief Research Engineer, American Steel & Wire Co., Worcester 7, Mass. 1934.

SIEH, WAYNE D., Instructor in Machine Design, Kansas State College, Manhattan, Kans. 1947.

SIEKMAN, P. W., Assistant to Vice President, Operating Dept., Pennsylvania Power & Light Co., Allentown, Pa. 1949.

SIGERFOOS, CHARLES C., Associate Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1945.

SILBERG, SIDNEY S., Instructor of G. E. D., University of Illinois, Chicago, Ill. 1948.

SILER, HARRY K. 1948.

SILHA, HENRY W., Assistant Professor of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1941.

SILKETT, ALBERT F., Instructor in Physics, University of Illinois, Navy Pier, Chicago 11, Ill. 1947.

SILVERMAN, LESLIE, Associate Professor of Industrial Hygiene, Harvard University, Cambridge, Mass. 1950.

SILVEY, O. W., Professor Emeritus of Physics, A. & M. College of Texas, College Station, Texas. *Life member.* 1917.

SIMESTER, JOHN H., Professor and Head, Dept. of Mathematics, University of Louisville, Louisville, Ky. 1930.

SIMMONS, EDWARD E., President, Fluid Log Corp., 455 S. Oakland Ave., Pasadena, Calif. 1948.

SIMON, GEORGE H., Professor of Mechanical Engineering, Louisiana State University, University, La. 1935.

SIMONS, HOWARD P., Professor of Chemical Engineering, West Virginia University, Morgantown, W. Va. 1941.

SIMPSON, CHARLES E., Administrative Assistant, University of California, Los Angeles, Calif. 1950.

SIMPSON, WILLIAM M., Professor and Chairman, Dept. of Aeronautical Engineering, University of Kansas, Lawrence, Kans. 1939.

SIMRALL, HARRY C., Professor and Head, Dept. of Electrical Engineering, Mississippi State College, State College, Miss. 1936.

SIMS, A. RAY, Dean, Schools of Technology, University of Houston, Houston, Texas. 1951.

SIMS, ELLIS M., Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1937.

SIMS, HUGH D., Professor and Head of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1948.

SIMS, JAMES R., Assistant Professor of Civil Engineering, The Rice Institute, Houston 1, Tex. 1942.

SIMS, LELAND W., 1905 S. Prairie, Chicago, Ill. 1947.

SINCLAIR, GEORGE, Associate Professor of Electrical Engineering, University of Toronto, Toronto, Canada. 1948.

SINDLINGER, WALTER E., Dean, Orange County Community College, Middletown, N. Y. 1951.

SINGER, DAVID, Structural Design Engineer, Corbett-Tinghir & Co., Inc., New York 6, N. Y. 1949.

SINGER, FERDINAND L., Associate Professor of Engineering Mechanics, New York University, New York, N. Y. 1930.

SINGLETON, JOSEPH L., Vice President and Director of General Machinery Div., Allis-Chalmers Mfg. Co., Milwaukee, Wis. 1945.

SISKIND, ROBERT P., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1938.

SITTERLEE, LAWRENCE J., Head, Electrical Technology Dept., New York State University, Institute of Applied Arts and Sciences, Binghamton, N. Y. 1949.

SITZ, EARL L., Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1932.

SIZELOVE, OLIVER J., Professor and Exec. Assoc., Mgmt. & Personnel, Newark College of Engineering, Newark, N. J. 1941.

SJOGREN, JOHN W., Associate Professor of Agricultural Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1951.

SKALAK, RICHARD, Associate in Civil Engineering, Columbia University, New York, N. Y. 1950.

SKAMSER, HAROLD P., Associate Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1946.

SKELLEY, CHARLES L., Manager, Technical Book Dept., The Macmillan Company, 60 Fifth Avenue, New York 11, N. Y. 1940.

SKELTON, RUSSELL R., Professor of Civil Engineering, University of New Hampshire, Durham, N. H. 1936.

SKILES, JAMES J., Instructor in Electrical Engineering, University of Wisconsin, Madison, Wis. 1951.

SKILLING, HUGH H., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1950.

SKITEK, GABRIEL G., Assistant Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1951.

SKOGLUND, VICTOR J., Assistant Professor, University of New Mexico, Albuquerque, N. M. 1951.

SKRODER, CARL E., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1944.

SKROMME, LAWRENCE H., Chief Engineer, New Holland Machine Div., The Sperry Corp., New Holland, Pa. 1949.

SLACK, EDGAR P., Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1927.

SLACK, FRANCIS G., Professor of Physics, Vanderbilt University, Nashville 4, Tenn. 1925.

SLANTZ, FRED W., Professor and Head, Dept. of Graphics, Director of Placement, Lafayette College, Easton, Pa. 1930.

SLAUGHTER, GEORGE M., Instructor in Hydraulic Engineering, Louisiana State University, Baton Rouge, La. 1950.

SLAVIN, ABRAHAM, Adjunct Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y., and Consulting Engineer and Architect, 30 Church St., New York 7, N. Y. 1949.

SLAVIN, WILLIAM A., Associate Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1939.

SLAYMAKER, PHILIP K., Professor Emeritus of Machine Design and Engineering Mechanics, University of Nebraska, Lincoln, Nebr. *Life member.* 1910.

SLAYMAKER, ROBERT R., Professor of Machine Design, Case Institute of Technology, Cleveland, Ohio. 1937.

SLOAN, ROYAL D., Dean, College of Engineering, State College of Washington, Pullman, Wash. 1926.

SLOANE, ALVIN, Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927.

SLOANE, RICHARD L., Associate Professor of Civil Engineering, University of Utah, Salt Lake City 1, Utah. 1943.

SLONNEGER, ROBERT D., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1948.

SMALL, ERIC H., Associate Professor of Electrical Engineering, University of Maryland, College Park, Md. 1938.

SMATKO, JOSEPH S., Associate Professor of Chemical Engineering, University of Maryland, College Park, Md. 1950.

SMEDLEY, FRANCIS J., Assistant Professor of Mechanical Engineering, Seattle University, Seattle, Wash. 1950.

SMETANA, JAN, Professor of Engineering, Dean, Faculty of Civil Engineering, Technical University, Solinova, Praha XIX, Czechoslovakia. 1947.

SMILEY, FRANCIS E., Assistant Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1947.

SMIRNOFF, MICHAEL V., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

SMITH, ADAM J., Professor of Mathematics, Montana School of Mines, Butte, Montana. 1950.

SMITH, ALBERT J., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio. 1949.

SMITH, AUSTEN J., Professor & Head, Metallurgical Engineering, Michigan State College, East Lansing, Mich. 1950.

SMITH, BARNARD E., 3913A N. 25th St., Milwaukee 6, Wis. 1951.

SMITH, BERNARD, Associate Professor of Civil Engineering, Lafayette College, Easton, Pa. 1949.

SMITH, BUFORD, JR., Assistant Professor of Electrical Engineering, University of Akron, Akron, Ohio. 1949.

SMITH, BYRON D., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1948.

SMITH, CARL E., President, Cleveland Institute of Radio Electronics, Vice President in charge of Engineering, United Broadcasting Co., Cleveland, Ohio. 1947.

SMITH, CHARLES J., Assistant Professor of Civil Engineering, Pennsylvania State College, State College, Pa. 1946.

SMITH, CLYDE P., Instructor in Manufacturing Processes, General Engineering Dept., Purdue University, Lafayette, Ind. 1951.

SMITH, DONALD E., Secretary-Treasurer, Alumni Association, Worcester Polytechnic Institute, Worcester, Mass. 1946.

SMITH, DUDLEY T., Associate Professor of Geology, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

SMITH, EARL B., Professor of Mechanical Engineering, Emeritus, College of City of New York, New York 31, N. Y. *Life member.* 1926.

SMITH, EARLE C., Chief Metallurgist, Republic Steel Corporation, Cleveland, Ohio. 1949.

SMITH, EASTMAN, Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

SMITH, EDWARD F., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1935.

SMITH, EDWARD S., Professor of Mathematics, University of Cincinnati, Cincinnati 21, Ohio. 1944.

SMITH, ELLIOTT D., Provost, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1928.

SMITH, ELMER G., Professor of Physics, A. & M. College of Texas, College Station, Texas. 1938.

SMITH, ELMER H., Research Engineer, Willow Run Research, University of Michigan, Dearborn Center, Mich. 1948.

SMITH, ERNEST J., Vice President, Embry-Riddle Company; Executive Director, Embry-Riddle School of Aviation, Miami, Fla. 1948.

SMITH, FINLEY W., Associate Professor of Electrical Engineering, Lafayette College, Easton, Pa. 1933.

SMITH, FRANK H., Assistant Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1939.

SMITH, FREDERICK C., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1949.

SMITH, G. WALLACE, Professor and Head, Dept. of Engineering Mechanics, North Carolina State College, Raleigh, N. C. 1937.

SMITH, GEORGE B., Product Designer, Eastman Kodak Co., 343 State St., Rochester, N. Y. 1939.

SMITH, GEORGE E., Professor & Head of Engineering & Trades, Arlington State College, Arlington, Texas. 1949.

SMITH, GEORGE H., JR., Supvr. Job Train. Prog., Ind. Rel. Dept., Republic Steel, Cleveland, Ohio. 1947.

SMITH, GEORGE S., Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1950.

SMITH, GERALD M., Assistant Professor of Applied Mech., Kansas State College, Manhattan, Kans. 1949.

SMITH, GUSTAVUS E., Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1951.

SMITH, H. HUNTER. 1947.

SMITH, HAROLD W., Instructor in Electrical Engineering, University of Texas, Austin, Texas. 1947.

SMITH, HARRY T., Instructor in Electrical Engineering, University of Louisville, Louisville, Ky. 1949.

SMITH, HENRY B., Professor of Chemical Engineering. 1949.

SMITH, HENRY J., Electronics Supv., Flight Test, Chance-Vought Aircraft, Dallas, Texas. 1945.

SMITH, HOMER P., Member of Laboratories Staff, Technical Employment Dept., Bell Telephone Labs., 463 West St., New York 14, N. Y. 1944.

SMITH, HOWARD G., Assistant to the Director and Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

SMITH, HOWARD M., JR., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1947.

SMITH, IRVINE W., Associate Professor of Mechanical Engineering, University of Toronto, Toronto, Canada. 1946.

SMITH, J. F. DOWNIE, Dean & Director of Engineering, Iowa State College, Ames, Iowa. 1947.

SMITH, JAMES H., Instructor in Mechanical Engineering, University of Florida, Gainesville, Fla. 1948.

SMITH, JAMES O., Professor of Mechanics, University of Illinois, Urbana, Ill. 1940.

SMITH, JOHN R., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

SMITH, JOSEPH M., Associate Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1946.

SMITH, JOSEPH S., Research Associate, Electrical Engineering, New York University, New York, N. Y. 1948.

SMITH, JULIAN C., Associate Professor of Chemical Engineering, Cornell University, Ithaca, N. Y. 1948.

SMITH, KENNETH E., Assistant Professor and Acting Director, Department of Aeronautical Engineering, University of Detroit, Detroit, Mich. 1947.

SMITH, LEO F., Chairman, Educational Research, Rochester Institute of Technology, Rochester 8, N. Y. 1944.

SMITH, LEONARD C., Assistant Managing Editor, American Technical Society, Chicago, Ill. 1949.

SMITH, LINUS B., Professor and Chairman, Dept. of Architecture, University of Nebraska, Lincoln, Nebr. 1946.

SMITH, LISLE A., Assistant Dean of Engineering, Michigan State College, East Lansing, Mich. 1950.

SMITH, LLOYD P., Professor and Head, Physics Dept., Cornell University, Ithaca, N. Y. 1951.

SMITH, MARION J., Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas. 1949.

SMITH, MARION L., Assistant Professor of Mechanical Engineering, Ohio State University, Columbus, Ohio. 1948.

SMITH, MORTON C., Associate Professor in Metallurgy, Colorado School of Mines, Golden, Colo. 1951.

SMITH, NORMAN L., Assistant Professor of Chemical Engineering, Missouri School of Mines, Rolla, Mo. 1950.

SMITH, OTTO J. M., Associate Professor of Electrical Engineering, University of California, Berkeley 4, Calif. 1942.

SMITH, OTTO M., Director of Research Foundation; Professor and Head Emeritus, Department of Chemical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1940.

SMITH, PAUL C., Associate Professor of Electrical Engineering, University of Akron, Akron, Ohio. 1925.

SMITH, PRESTON W., Associate Professor of Physics, Clarkson College of Technology, Potsdam, N. Y. 1951.

SMITH, RALPH A., Instructor in Mechanical Engineering, Tufts College, Medford 55, Mass. 1922.

SMITH, RALPH J., Professor and Head, Engineering Dept., San Jose State College, San Jose, Calif. 1948.

SMITH, RAYMOND V., Instructor in Mechanical Engineering, Colorado School of Mines, Golden, Colo. 1950.

SMITH, REUEL L., Professor of Mechanical Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1945.

SMITH, RICHARD E., Assistant Professor of Engineering and Head, Vanport Extension Center, Portland, Ore. 1948.

SMITH, ROBERT C., Assistant Professor of Mechanics, West Virginia University, Morgantown, W. Va. (On Leave: Instructor in Mechanics, U. S. Military Academy, West Point, N. Y.) 1948.

SMITH, ROBERT H., Research Associate, Aeronautical Engineering, University of Washington, Seattle, Wash. 1950.

SMITH, ROBERT L., Assistant Professor of Applied Mechanics, University of Kansas, Lawrence, Kans. 1951.

SMITH, ROGER K., Associate Professor of Mechanical Engineering, University of Buffalo, Buffalo, N. Y. 1939.

SMITH, RUSSELL J., Associate Professor and Head, Dept. of Mechanics, Marquette University, Milwaukee, Wis. 1946.

SMITH, S. ROSCOE, Associate Professor of Mathematics, University of Wyoming, Laramie, Wyo. 1939.

SMITH, STANLEY A., Chairman, Dept. of Architectural Engineering, State College of Washington, Pullman, Wash. (*Member of Council, 1950–52.*) 1947.

SMITH, STEELE B., Instructor in Engineering Drawing, University of Illinois, Navy Pier, Chicago, Ill. 1947.

SMITH, THOMAS C., Assistant Professor of Science and Mathematics, Phillips University, Enid, Okla. 1947.

SMITH, W. CONLEY, Associate Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1943.

SMITH, W. HOLMES, Instructor in Engineering, El Camino College, El Camino, Calif. 195 .

SMITH, W. SHERMAN, Assistant Dean of Engineering and Associate Professor of Civil Engineering, University of Toledo, Toledo 6, Ohio. 1930.

SMITH, WESLEY C., Assistant Professor of Civil Engineering, Pennsylvania Military College, Chester, Pa. 1951.

SMITH, WILLIAM P., Associate Professor of Electrical Engineering, University of Kansas, Lawrence, Kans. 1947.

SMOCK, DALE O., Assistant Professor of Electrical Engineering, Grove City College, Grove City, Pa. 1948.

SMUTZ, F. A., Professor of Engineering Drawing and Descriptive Geometry, Kansas State College, Manhattan, Kans. 1936.

SMUTZ, MORTON, Assistant Professor of Chemical Engineering, Iowa State College, Ames, Ia. 1951.

SMYTH, WILLIAM I., Professor of Metallurgy and Mining, University of Nevada, Reno, Nev. 1950.

SNADER, DAVID L., Head, Dept. of Civil Engineering, Norwich University, Northfield, Vt. 1948.

SNEED, CARL M., Assistant Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

SNELGROVE, ALFRED K., Head, Dept. of Geological Engineering, Michigan College of M. & T., Houghton, Mich. 1943.

SNIDER, MIKE, Assistant Professor of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1948.

SNIVELY, L. CLIFTON, Assistant Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1946.

SNIVELY, SPRAGUE F., Instructor in Building Construction, Pennsylvania State College, Dravosburg, Pa. 1949.

SNOW, MAXWELL, Y., Elks Club, 910 E. Wis. Ave., Milwaukee, Wis. 1948.

SNOW, WILLIAM B., Associate Professor of Civil Engineering, Duke University, Durham, N. C. 1949.

SNOWDEN, JAMES R., Instructor in T. A. M. Mechanics, University of Illinois, Urbana, Ill. 1947.

SNYDER, HERMAN. 1947.

SNYDER, I. STERLING, Project Engineer, Frank L. Ehasz Consulting Engineers, 730 5th Ave., New York, N. Y. 1947.

SNYDER, JOHN S., Assistant Vice President, Editorial Dept., John Wiley & Sons, Inc., 440 Fourth Ave., New York 16, N. Y. 1943.

SNYDER, MELVIN H., JR., Associate Professor and Head, Division of Aeronautical Engineering, University of Wichita, Wichita, Kans. 1948.

SNYDER, NORMAN F., Head, Tool Engineering Section, General Motors Institute, Flint, Mich. 1950.

SNYDER, PAUL C., Head, Tool Engineering Department, Sinclair College, Dayton, Ohio. 1947.

SNYDER, RAYMOND H., Assistant Professor of Sanitary Engineering, Lehigh University, Bethlehem, Pa. 1951.

SNYDER, WARREN E., Associate Professor & Chairman of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1947.

SOBEY, ALBERT, President Emeritus and Consultant, General Motors Institute, Flint, Mich. 1923.

SODERBERG, C. RICHARD, Head, Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

SODERBERG, LAURENCE D., 602 W. 130th St., Casper, Wyo. 1949.

SODERSTROM, E. D., Associate Professor of Engineering Shop, Oklahoma A. & M. College, Stillwater, Okla. 1940.

SOELLNER, ROY O., Educational Director, Central Radio and Television Schools, Kansas City, Mo. 1949.

SOFIANOPOULOS, ATHANASE J., Professor of Chemical Engineering, University of Dayton, Dayton 9, Ohio. 1948.

SOHON, HARRY, Associate Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1942.

SOLBERG, HARRY L., Head, School of Mechanical Engineering, Purdue University, Lafayette, Ind. 1924.

SOLER, ANTONIO C., Professor and Head, Dept. of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. 1948.

SOLLENBERGER, NORMAN J., Senior Design Engineer, Bridge Div., John A. Roebling's Sons Co., 4304 New York Avenue, Des Moines, Iowa. 1936.

SOLLENBERGER, R. CLEM, Executive Vice President, Conveyor Association, No. 1 Thomas Circle, Washington, D. C. 1945.

SOLNICK, ROBERT L., Development Engr., Rheem Mfg. Co., Whittier, Calif. 1950.

SOLT, MARVIN R., Associate Professor of Mathematics, University of New Hampshire, Durham, N. H. 1931.

SOMMERMAN, GEORGE M. L., Associate Professor of Electrical Engineering, Battelle Memorial Institute, Columbus, Ohio. 1947.

SONESON, PHILLIP E., Associate Professor of Architectural Engineering, Purdue University, Lafayette, Ind. 1948.

SONNEMAN, GEORGE, Assistant Professor of Aeronautical Engineering, Drexel Institute of Technology, Philadelphia 4, Pa. 1948.

SONNENSCHEIN, CARL L., Visiting Lecturer, Mechanical Engineering, University of California, Los Angeles 24, Calif. 1950.

SORENSEN, E. P., President, Utilities Engineering Institute, 2525 N. Sheffield Ave., Chicago, Ill. 1943.

SORENSEN, HARRY A., Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1938.

SORSENSEN, ROYAL W., Professor Emeritus of Electrical Engineering, California Institute of Technology, Pasadena 4, Calif. (*Vice President, 1939–40; Member of Council, 1937–40.*) 1912.

SORENSON, ALFRED E., Associate Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1931.

SOSLOWSKI, THADDEUS P., Instructor in Electrical Engineering, University of Dayton, Dayton, Ohio. (20 Clifton Park Dr., Wilmington, Dela.) 1947.

SOUTHER, JAMES W., Instructor, Humanistic-Social Dept., University of Washington, Seattle, Wash. 1950.

SOUTHWORTH, RAYMOND W., Assistant Professor of Chemical Engineering, Yale University, New Haven, Conn. 1950.

SOVRAN, GINO, Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

SOWERS, GEORGE F., Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

SOWERS, OSSA R., Instructor in Design, Brooklyn College, Brooklyn, N. Y. 1950.

SPACIE, EDWIN G., Student Counselor, Michigan College of M. & T., Houghton, Mich. 1944.

SPAFFORD, W. FRANKLIN, Head, Dept. of Economics, Management, and History, Rensselaer Polytechnic Institute, Troy, N. Y. 1941.

SPAGNUOLO, JOSEPH E., Associate Professor of Architectural Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1939.

SPAHN, GEORGE J., Assistant Professor of Civil Engineering, University of Dayton, Dayton, Ohio. 1949.

SPAHR, ROBERT H., Retired Administrator, General Motors Institute, Flint 2, Mich. (*Member of Council, 1943–46.*) (Smithsburg, Md.) 1928.

SPALDING, ALBERT R., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

SPALDING, FRED L., Assistant Professor of Engineering Drawing, Rose Polytechnic Institute, Terre Haute, Ind. 1947.

SPANGENBERG, KARL R., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1945.

SPANGLER, MERLIN G., Research Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1950.

SPARKS, LESLIE M., District Representative, Columbus-Purdue Center, Columbus, Ind. 1949.

SPARKS, NORMAN R., Professor and Head, Dept. of Mechanical Engineering, The Pennsylvania State College, State College, Pa. 1946.

SPARROW, THERON A., Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1948.

SPEAR, JOSEPH, Professor of Mathematics, Northeastern University, Boston, Mass. 1926.

SPEARS, SHOLTO M., Dean, Retired, School of Engineering, Fenn College, Cleveland, Ohio. 1935.

SPECHT, RANDOLPH C., Professor of Chemical Engineering, University of Florida, Gainesville, Fla. 1948.

SPECTOR, HERMAN, Instructor in Aeronautical Engineering, Northrop Aeronautical Institute, Los Angeles, Calif. 1949.

SPEER, GEORGE S., Director, Institute for Psychological Services, Illinois Institute of Technology, 3329 S. Federal St., Chicago 16, Ill. 1946.

SPEIDEN, HENRY W., Professor and Head, Dept. of Civil Engineering, West Virginia University, Morgantown, W. Va. 1937.

SPENCE, DAVID W., Instructor in Electrical Engineering, Syracuse University, Syracuse, N. Y. 1951.

SPENCE, RICHARD S., Assistant Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1945.

SPENCER, GEORGE E., Professor of Agricultural Engineering, Purdue University, Lafayette, Ind. 1947.

SPENCER, HENRY C., Professor and Director, Dept. of Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. (*Member of Council, 1950–52.*) 1931.

SPENCER, HERBERT L., Executive Director, S. H. Kress Foundation, New York, N. Y. 1942.

SPENCER, PAUL L., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1948.

SPENCER, W. R., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. *Life member.* 1926.

SPENNER, FRANK J., Engineering Dept., University of Wyoming, Laramie, Wyo. 1943.

SPEWACHEK, ERWIN G., Assistant Professor of General Engineering, Marquette University, Milwaukee, Wis. 1950.

SPIEGEL, DAVID K., Assistant Professor, General Studies, Pratt Institute, Brooklyn, N. Y. 1943.

SPIELMAN, JOHN P., Dean, School of Mines, State College of Washington, Pullman, Wash. 1946.

SPILHAUS, ATHELSTAN F., Dean, Institute of Technology, University of Minnesota, Minneapolis, Minn. 1949.

SPITZER, CHARLES F., Engineer, Computer Section Electronics Lab., General Electric Co., 243 Buckingham Ave., Syracuse 10, N. Y. 1945.

SPOONER, CHARLES W., Associate Professor of Marine Engineering, University of Michigan, Ann Arbor, Mich. 1948.

SPRIEGEL, WILLIAM R., Dean and Chairman and Professor of Business Administration, University of Texas, Austin 12, Texas. 1940.

SPRINGER, CLIFFORD H., Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1927.

SPRINGER, EDWIN K., Associate Professor and Acting Head of Mechanical Engineering, University of Southern California, Los Angeles 7, Calif. 1945.

SPRINGER, GEORGE P., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1930.

SPRINGER, RICHARD D., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1945.

SPROUL, ROBERT G., President, University of California, Berkeley, Calif. 1949.

SPROUSE, JAMES H., JR., Instructor in Civil Engineering, University of New Mexico, Albuquerque, N. Mex. 1951.

SPRY, FRED J., Associate Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1941.

SPURLOCK, BENJAMIN H., Associate Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1940.

SQUIER, WILLIAM W., Education Director, Sun Electric Corp., Chicago 31, Ill. (Home: 739 East Ave., Park Ridge, Ill.). 1947.

SQUIRE, EDWARD J., Professor of Structural Engineering and Head, Dept. of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1929.

STAAKE, DONAL B., Assistant Professor of Electrical Engineering, 239 Southhampton Drive, Silver Spring, Md. 1949.

STACE, F. N., Editor, *New Zealand Electrical Journal*, P. O. Box 1572, Wellington, C 1, N. Z. 1939.

STAFFORD, ALFRED B., Associate Professor of Mechanical Engineering, University of Wyoming, Laramie, Wyo. 1948.

STAHL, KARL H., Associate Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1948.

STAINTON, ROBERT S., Associate Professor of Industrial Engineering, Case Institute of Technology, Cleveland 6, Ohio. 1941.

STAIR, WILLIAM K., Assistant Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

STALLWORTH, TOM W., Professor of Civil Engineering, University of Mississippi, University, Miss. 1951.

STAMPS, THOMAS D., Col., Professor of Military Engineering, U. S. Military Academy, West Point, N. Y. 1947.

STANISZEWSKI, FELIX P., Instructor in Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1950.

STANLEY, JOSEPH E., Instructor in General Engineering, University of Southern California, Los Angeles 7, Calif. 1948.

STANLEY, PAUL E., Associate Professor of Aeronautical Engineering and Air Transportation, Purdue University, Lafayette, Ind. 1948.

STANLEY, ROBERT L., Associate Professor of Engineering Research, Engineering Experiment Station, Pennsylvania State College, State College, Pa. 1942.

STANLY, ALBERT L., Assistant Professor of Industrial Engineering, University of California, Los Angeles, Calif. 1950.

STANSBURY, E. E., Professor of Metallurgy, University of Tennessee, Knoxville, Tenn. 1950.

Stanton, Chas. B., Assistant to the President, Carnegie Institute of Technology, Pittsburgh 13, Pa. *Life member.* 1915.

Stanton, Wyllys, G., Assistant to the President, Oran Company, 2222 South Third St., Columbus 7, Ohio. 1945.

Staples, Carlton W., Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. (In Service.) 1948.

Stapleton, H. N., Professor and Head, Dept. of Agricultural Engineering, University of Massachusetts, Amherst, Mass. 1947.

Stapley, Edward R., Dean of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1926.

Stark, Lawrence E., Assistant Professor of Engineering Drawing, Texas A. & M. College, College Station, Tex. 1951.

Stark, Sigrid, Instructor in English, Purdue University Extension, Hammond, Ind. 1948.

Starkweather, Ernest R., Institute in Metallurgical Engineering, Institute of Applied Arts & Sciences, State University of New York, Buffalo, N. Y. 1950.

Starnes, Dewey E., Coordinator of Graduate Training, Naval Ordnance Laboratory, Washington, D. C. 1948.

Starr, Charles J., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1921.

Starr, Ernest W., Professor and Head, Dept. of Electrical Engineering, Cooper Union, New York, N. Y. 1948.

Starr, Millard O., 605 Sonny Way, LaJolla, Calif. 1938.

Starsnic, Victor T., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Stater, Gordon, Attorney at Law, University of California, Los Angeles, Calif. 1950.

Staton, Rocker T., Jr., Assistant Professor of Industrial Engineering, Johns Hopkins University, Baltimore 18, Md. 1950.

Stauder, Lawrence F., Associate Professor of Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1938.

Stauffer, J. Reiff K., Associate Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1947.

Stavely, Earl B., Professor of Electrical Engineering and Assistant Dean of Engineering, The Pennsylvania State College, State College, Pa. 1920.

Stavnes, Segward A., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1947.

Stearns, Frederick A., Associate Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1926.

Stearns, Stephen R., Assistant Professor of Civil Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1945.

Steel, Ernest W., Professor of Civil Engineering, University of Texas, Austin, Tex. 1951.

Steele, Francis W., Associate Professor of Civil Engineering, Howard University, Washington, D. C. 1948.

Steele, Kenneth, Head, Physics Dept., Tri-State College, Angola, Ind. 1951.

Steele, Westbrook, President, Institute of Paper Chemistry, 130 No. Green Bay, Appleton, Wis. 1945.

Steen, G. Perry. 1947.

Stefancic, Emil, Librarian, Fenn College, Cleveland, Ohio. 1948.

Stefani, Luis, Vice Chancellor, College of Agriculture and Mechanic Arts, University of Puerto Rico, Mayaguez, P. R. 1947.

Steffens, Louis A., Instructor in Engineering Drawing, University of Cincinnati, Cincinnati, Ohio. 1948.

Steidel, Robert F., Jr., Instructor in Mechanical Engineering, Oregon State College, Corvallis, Ore. 1950.

Stein, I. Melville, Vice President and Director of Research, Leeds and Northrup Co., 4901 Stenton Ave., Philadelphia 44, Pa. 1944.

Stein, Robert, Assistant Professor of Electrical Engineering, City College of New York, New York, N. Y. 1950.

Steinbacher, Franz R., Professor of Aeronautical Engineering, University of Alabama, Tuscaloosa, Ala. 1943.

Steinberg, Joseph, Professor and Head, Structural Engineering, New York Institute of Applied Arts and Sciences, Brooklyn, N. Y. 1948.

Steinberg, S. S., Dean, College of Engineering, University of Maryland, College Park, Md. ***(Vice President, 1947–49; Member of Council, 1946–48, 1949–50.)*** **1935.**

Steinbruegge, George W., Associate Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1950.

Steiner, Celestin J., S. J., President, University of Detroit, Detroit, Mich. 1949.

Steinhauser, Anton L., Assistant Professor of Mechanical Engineering, College of the City of New York, New York, N. Y. 1948.

Steinhauser, Harry H., Jr., Assistant Professor of Chemical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Steinkamp, Albert L., Supervisor, Lockheed Aircraft Corp., Marietta, Ga. 1948.

Steinman, D. B., Consulting Engineer, 117 Liberty St., New York 6, N. Y. 1910.

Stelzner, William B., Professor Emeritus, Dept. of Electrical Engineering, University of Arkansas, Fayetteville, Ark. *Life member.* 1914.

Stene, John K., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1950.

Stenger, Robert R., Instructor in Mechanical Engineering, 6510 Cloverdale, Crystal, Minn. 1948.

Stenis, Tom B., Assistant Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas. 1947.

Stensaas, Elden R., Professor and Head, Dept. of Mechanical Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

Stepanek, Joseph E., Technical Expert, United Nations Technical Assistance Admin., New York, N. Y. 1946.

Stephan, Erich R., Associate Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1938.

Stephans, C. H., Director of Industrial Relations, Newark College of Engineering, Newark, N. J. 1943.

Stephenson, Orlando W., Jr., Associate Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1945.

Stephenson, Richard, Senior Design Engineer, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1947.

Stephenson, Seymour T., Professor of Physics, The State College of Washington, Pullman, Wash. 1949.

Sterling, Gustavo R., Dean, School of Engineering, University of Havana, Havana, Cuba. 1945.

Stern, Harry, Assistant Professor of Chemical Engineering, Washington State College, Pullman, Wash. 1950.

Stern, Peter. 1950.

Stetson, George A., Editor, American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N. Y. ***(Member of Council, 1931–34.)*** **1926.**

Stett, Joseph D., Chairman, Department of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1942.

STEVASON, CARL C., Associate Professor of Mechanical Engineering, Notre Dame University, Notre Dame, Ind. 1942.

STEVEN, JAMES R., Assistant Professor of Civil Engineering, City College of New York, New York, N. Y. 1949.

STEVENS, ALEXANDER C., 486 Joalca Ave., Winter Haven, Fla. *Life member.* 1912.

STEVENS, CARROL H., Instructor in Physics and Mathematics, Purdue University Extension, Hammond, Ind. 1951.

STEVENS, HELEN L., Assistant Professor of English, Illinois Institute of Technology, Chicago, Ill. 1950.

STEVENS, HOWARD E., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1934.

STEVENS, JAMES I., 113 Nespar Rd., Oak Ridge, Tenn. 1949.

STEVENS, ROE L., Associate Professor of Bridge and Structural Engineering, Illinois Institute of Technology, Chicago, Ill. 1937.

STEVENS, WILLIAM J., Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1929.

STEVENSON, MERLON L., Head, Mathematics and Physical Science Division, Weber College, Ogden, Utah. 1943.

STEVENSON, WILLIAM D., JR., Associate Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1941.

STEWART, ALVIN E., Associate Professor & Acting Head of Agricultural Engineering, New Mexico College of A. & M. Arts, State College, N. M. (In Service: Captain, Post Engineers, Fort Ord., Calif.) 1949.

STEWART, EARLE H., Associate Professor of Engineering Drawing, Michigan State College, East Lansing, Mich. 1925.

STEWART, GEORGE W., Professor of Physics, State University of Iowa, Iowa City, Iowa. *Life member.* 1910.

STEWART, JAMES W., Head, School of Mines, University of Alabama, University, Ala. 1939.

STEWART, LOWELL O., Professor and Head, Dept. of Civil Engineering, Iowa State College, Ames, Iowa. (*Member of Council, 1950–52.*) 1927.

STEWART, PAUL B., Acting Associate Professor of Chemical Engineering, University of California, Berkeley, Calif. 1950.

STEWART, RICHARD B., Assistant Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1950.

STEWART, ROBERT E., Instructor in Agricultural Engineering, University of Missouri, Columbia, Mo. 1950.

STEWART, V. T., Professor of Chemical Engineering, Newark College of Engineering, Newark 2, N. J. *Life member.* 1923.

STEYER, CARL C., Instructor in Engineering Mechanics, University of Texas, Austin, Texas. 1950.

STIEMKE, ROBERT E., Director, School of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1943.

STIENING, FRANK H., Lecturer, Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1940.

STIGERS, MARQUIS F., Director of Cooperative Engineering, Evansville College, Evansville, Ind. 1950.

STILES, ARTHUR M., Assistant Professor of Electrical Engineering, University of Denver, Denver 10, Colo. 1948.

STILES, WILLIAM B., Associate Director, Engineering Experiment Station, University of Arkansas, Fayetteville, Ark. 1938.

STILL, A. JOHN, Associate Professor of Chemical Engineering, University of Alabama, University, Ala. 1948.

STILLMAN, DONALD G., Professor and Head, Dept. of Liberal Studies, Clarkson College of Technology, Potsdam, N. Y. 1949.

STILLWELL, HENRY S., Professor and Head, Dept. of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1944.

STINSON, KARL W., Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1924.

STINSON, SAMUEL T., Associate Professor and Acting Head, Dept. of Engineering, Marshall College, Huntington, W. Va. 1946.

STITZ, ERWIN O., Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1942.

STOCK, ORION L., Professor of Engineering Drawing, Rose Polytechnic Institute, Terre Haute, Ind. 1929.

STOCKARD, RAYMOND H., Director of Placement, University of Rhode Island, Kingston, R. I. 1951.

STOCKER, GEORGE P., Dean, Emeritus, College of Engineering, University of Arkansas, Fayetteville, Ark. 1921.

STOCKING, ERNEST J., Assistant Chief, Examining and Placement Division, U. S. Civil Service Commission, Washington, D. C. 1939.

STOCKLAND, LEO, Head, Physics Dept., Milwaukee School of Engineering, Milwaukee, Wis. 1950.

STODDARD, ROBERT J., Vice President, American Hoist & Derrick Co., 63 S. Robert St., St. Paul 1, Minn. 1947.

STOELK, HERMAN W., Instructor in Drawing, Purdue University Extension, Indianapolis, Ind. 1948.

STOEVER, HERMAN J., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1942.

STOKER, WARREN C., Associate Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

STOLARIK, EUGENE, Associate Professor of Aeronautical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

STOLL, DUANE C., Department Head, Building Construction Technology, New York State Institute of Applied Arts and Sciences, White Plains, N. Y. 1949.

STOLWORTHY, EDWARD H., Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1923.

STONE, LOUIS N., Associate Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1949.

STONE, OLIVER M., Associate Professor of Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. (*Member of Council, 1947–49.*) 1928.

STONE, RICHARD G., Associate Professor of Mechanical Engineering, University of Denver, Denver, Colo. 1947.

STONE, WALKER G., Editor, *Engineering Sciences,* Editorial Dept., John Wiley and Sons, Inc., New York, N. Y. 1948.

STONE, WILLIAM D., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

STONEKING, CHARLES E., Associate Professor of Architectural Engineering, University of New Mexico, Albuquerque, N. M. 1948.

STOPPEL, ARTHUR E., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis 14, Minn. 1947.

STORK, WILFORD L., Associate Professor of Drafting, College of the City of New York, New York, N. Y. 1939.

STORRY, J. O., Associate Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1948.

STOTT, ALFRED F., Dean, Aeronautical Engineering, Aeronautical University, Inc., Chicago, Ill. 1947.

STOTTS, OSMAN O., Instructor in Diesel Engineering, School of Technology, University of Houston, Houston, Tex. 1951.

Stoudt, T. Glenwood, Dean, Wyomissing Polytechnic Institute Wyomissing, Pa. 1948.

Stough, Bessie N., Instructor in Mathematics, Michigan College of Mining and Technology, Sault Ste. Marie, Mich. 1948.

Stoughton, Bruce C., Assistant Professor of Industrial Engineering, University of Houston, Houston, Tex. 1951.

Stout, Claude E., Chairman, Mathematics and Engineering Mechanics, General Motors Institute, Flint, Mich. 1950.

Stout, Lawrence E., Dean, School of Engineering, Washington University, St. Louis, Mo. 1944.

Stout, Melville B., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929.

Stout, Thomas M., Instructor in Electrical Engineering, University of Washington, Seattle, Wash. 1948.

Stover, Emory F., Professor and Director, Dept. of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1945.

Straight, D. Arthur, Lecturer, Management and Personnel, Newark College of Engineering, Newark, N. J. 1950.

Strait, John M., Instructor in Engineering, Eastern New Mexico University, Portales, N. M. 1950.

Straiton, Archie W., Director, Electrical Engineering Research Laboratory, Professor of Electrical Engineering, University of Texas, Austin, Texas. 1939.

Strate, J. T., Professor and Head, Dept. of Mechanical Engineering, Colorado A. & M. College, Ft. Collins, Colo. (*Member of Council, 1949–50.*) 1932.

Stratton, Julius A., Provost, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

Stratton, Leon D., Dean of Men, Chairman, Department of Chemistry and Chemical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1937.

Straub, Arthur L., Jr., Associate Research Engineer, Va. Council of Highway Investigation and Research, Lecturer, University of Virginia, Charlottesville, Va. 1948.

Straub, Lorenz G., Professor of Hydraulics, Head, Department of Civil Engineering, Director, St. Anthony Falls Hydraulic Laboratory, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1939–42.*) 1930.

Strauss, Howard E., Assistant Professor of Mechanical Engineering, University of Buffalo, Buffalo, N. Y. 1948.

Strausser, Howard S., Jr., Instructor in Civil Engineering and Mechanics, Lehigh University, Bethlehem, Pa. 1951.

Street, Donald T., Associate Professor of Engineering, University of Rochester, Rochester, N. Y. 1951.

Street, William E., Professor and Head, Dept. of Engineering Drawing, Texas A. & M. College, College Station, Texas. 1929.

Streeter, Victor L., Research Professor of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1942.

Streubel, Ernest J., Dean Emeritus, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. *Life member.* 1925.

Strickland, Jasper D., Registrar, Cal-Aero Technical Institute, Glendale 1, Calif. 1948.

Strobel, Charles F., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1941.

Strom, Gordon H., Associate Professor of Aeronautical Engineering, New York University, New York 53, N. Y. 1943.

Strong, Everett M., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1939.

Strong, Henry W., Instructor, Management and Personnel Relations Dept., Newark College of Engineering, Newark, N. J. 1947.

Strong, Ralph K., Professor of Chemistry, Rose Polytechnic Institute, Terre Haute, Ind. 1936.

Strong, Thomas F., Associate Dean of Students, Assistant Professor of Physics, California Institute of Technology, Pasadena, Calif. 1946.

Strout, Ross P., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

Strum, Robert D., Instructor in Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1951.

Stuart, Harland F., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1942.

Stuart, M. C., Professor and Head of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1921.

Stubbs, Frank W., Jr., Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1933.

Stubbs, Morris F., Professor and Head, Department of Chemistry, New Mexico Institute of Mining & Technology, Socorro, N. M. 1947.

Stuckey, Jasper L., Professor and Head, Dept. of Geology and Geological Engineering, North Carolina State College, Raleigh, N. C. 1939.

Sturgis, Horace W., Associate Registrar, Georgia Institute of Technology, Atlanta, Ga. 1944.

Sturm, Rolland G., Director, Auburn Research Foundation and Engineering Experiment Station, Alabama Polytechnic Institute, Auburn, Ala. 1944.

Stutterd, Henry J., Instructor in Architecture, Lick-Wilmerding Technical School, San Francisco, Calif. 1943.

Stutzman, Leroy F., Associate Professor and Head of Chemical Engineering, Northwestern University, Evanston, Ill. 1948.

Su, Gouq-Jen, Associate Professor of Chemical Engineering, University of Rochester, Rochester, N. Y. 1949.

Suer, Herbert S., Instructor in Civil Engineering, Kansas State College, Manhattan, Kans. 1949.

Sujata, Henry L., Instructor in Applied Mechanics, University of Kansas, Lawrence, Kans. 1951.

Sullivan, Francis J., Assistant Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1938.

Sullivan, Gene E., Instructor in Mechanical Engineering, Tulane University, New Orleans, La. 1949.

Sullivan, Geo. L., Dean, College of Engineering, University of Santa Clara, Santa Clara, Calif. (*Member of Council, 1943–46.*) 1912.

Sullivan, Joseph M., Employment Manager, Detroit Edison Co., Detroit, Mich. 1945.

Sullivan, Thomas M., Engineer of Airports, Port of New York Authority, New York, N. Y. 1950.

Sullivan, William F. 1949.

Sullo, Robert L., Assistant Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1949.

Summer, James R., Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1949.

Summers, Robert E., Dean of Admissions and Records, Professor of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1939.

Sumwalt, Robert L., Dean, School of Engineering, University of South Carolina, Columbia, S. C. 1933.

Sundstrom, Rudolph J., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1951.

SUNG, SING-ZAK, Assistant Master, Engineering Department, Hong Kong Technical College, Hong Kong, Far East. 1951.

SURBAUGH, JOHN W., Associate Professor of Mathematics, University of Cincinnati, Cincinnati 21, Ohio. 1946.

SURRATT, I. WEBB, Instructor in Social Studies, North Carolina State College, Raleigh, N. C. 1947.

SUSAT, EDWARD C., District Representative, T. E. D., Purdue University Center, Indianapolis, Ind. 1948.

SUTER, ANNA K., Instructor in Mathematics, Purdue University, Lafayette, Ind. 1948.

SUTHERLAND, HALE, Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1914.

SUTLIFF, JOSEPH W., Associate Professor of Chemical Engineering, Fenn College, Cleveland, Ohio. 1948.

SUTTIE, ROSCOE H., Professor of Civil Engineering, Yale University, New Haven, Conn. 1912.

SUTTON, LOUIS V., President and General Manager, Carolina Power and Light Co., Raleigh, N. C. 1949.

SUTTON, WILLARD J., Associate Professor of Ceramic Engineering, New York State College of Ceramics, Alfred, N. Y. 1948.

SVENSEN, CARL L., Secretary-Director, Texas State Board of Registration for Professional Engineers, 905 West 29th St., Austin 5, Texas. 1909.

SVENSON, CARL L., Associate Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

SWAGER, WARREN M., Associate Professor of Industrial Engineering, University of Buffalo, Buffalo, N. Y. 1950.

SWALM, RALPH O., Assistant Professor of Administrative Engineering, Syracuse University, Syracuse, N. Y. 1948.

SWAN, PAUL R., Assistant Dean and Director, Public Relations, Worcester Polytechnic Institute, Worcester 2, Mass. 1945.

SWANSON, EDGAR L., Associate Professor of Mathematics, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

SWARM, H. MYRON, Instructor in Electrical Engineering, University of Washington, Seattle, Wash. 1948.

SWART, HANNAH W., Registrar, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

SWEARINGEN, LLOYD E., Director, Basic Sciences Research, Dept. of the Army, Arlington, Va. 1947.

SWEENEY, RONALD J., Air Products, Inc., Box 538, Allentown, Pa. 1948.

SWEET, ROBERT L., Associate Professor of Metallurgical Engineering, Michigan State College, East Lansing, Mich. 1950.

SWEETEN, EARLE C., Placement Director, University of Pennsylvania, Philadelphia, Pa. 1948.

SWEIGERT, RAY L., Dean, Division of Graduate Studies, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council, 1936–39.*) 1929.

SWENSON, DAN H., Instructor in Woodwork, Utah State Agricultural College, Logan, Utah, 1950.

SWENSON, GEORGE W., Professor and Head, Department of Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1928.

SWENSON, GEORGE W., JR., Associate Professor of Electrical Engineering, Washington University, St. Louis 5, Mo. 1948.

SWENSON, JOHN D., Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1946.

SWIFT, JAMES L., Instructor in Manufacturing Processes, Pratt Institute, Brooklyn, N. Y. 1950.

SWIFT, ROY E., Associate Professor of Mining and Metallurgical Engineering, University of Kentucky, Lexington, Ky. 1940.

SWINK, CLYDE W., Instructor in Engineering, University of Louisville, Louisville, Ky. 1949.

SWINK, EARL T., Associate Professor of Agricultural Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

SYLVESTER, ROBERT O., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1949.

SZCZEPANIAK, EDWARD A., Instructor in Aeronautical Engineering, University of Detroit, Detroit, Mich. 1948.

SZCZERBACKI, STEVE, Instructor in Mechanical Engineering, Detroit Institute of Technology, Detroit, Mich. 1948.

SZEBEHELY, VICTOR G., Hydraulic Engr., Hydromechanics, David Taylor Model Basin, Washington, D. C. 1948.

SZEGO, GEORGE C., Assistant Professor and Head, Chemical Engineering, Seattle University, Seattle, Wash. 1950.

SZYMANSKI, EDWARD A., Assistant Professor of Electrical Engineering, Wayne University, Detroit, Mich. 1949.

TAAFFE, WILLIAM R., Associate Professor of Industrial Management, Carnegie Institute of Technology, Pittsburgh, Pa. 1951.

TACHAU, HERMAN, Assistant Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa. 1951.

TAECKER, ROLLIN G., Associate Professor of Chemical Engineering, Kansas State College, Manhattan, Kans. 1948.

TAFT, FREDERICK L., Associate Professor of Languages, Case Institute of Technology, Cleveland, Ohio. 1949.

TAIT, RALPH S., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1921.

TAN, VIDAL A., President, Far Eastern University, Manila, P. I. 1948.

TANG, K. Y., Professor of Electrical Engineering, The Ohio State University, Columbus 10, Ohio. 1928.

TANGER, GERALD E., Instructor in Engineering, Brown University, Providence, R. I. 1951.

TAPPAN, FRANK G., Boyd Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1921.

TAPY, RALPH W., Professor and Head, Dept. of Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1934.

TARBOUX, JOSEPH G., Professor and Assistant Director, School of Electrical Engineering, Cornell University, Ithaca, N. Y. 1943.

TARPLEY, HAROLD I., Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1934.

TATE, M. B., Associate Professor in Civil Engineering. 1943.

TATE, VERNON D., Director of Libraries, Massachusetts Institute of Technology, Cambridge, Mass. 1951.

TATNALL, FRANCIS G., Manager, Testing Research Department, Baldwin-Lima-Hamilton, Philadelphia 42, Pa. 1935.

TATUM, FINLEY W., Professor and Chairman, of Electrical Engineering, Southern Methodist University, Dallas, Texas. 1947.

TAULBEE, PRESTON L., Physicist, Rand Corp., Santa Monica, Calif. 1944.

TAUXE, GEORGE J., Lecturer in Engineering, University of California, Los Angeles 24, Calif. 1947.

TAYLOR, ALBERT L., Dean, School of Engineering, Head, Dept. of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1938.

TAYLOR, ALEXANDER O., Associate Professor and Director, Engineering Extension, Alabama Polytechnic Institute, Auburn, Ala. 1949.

Taylor, Alton D., Associate Professor of Engineering, Lakeland Highlands, Wolcott, N. Y. 1936.

Taylor, Britton M., Training Supervisor, Engineering Dept., E. I. duPont de Nemours & Co., Wilmington, Del. 1949.

Taylor, Charles D., Instructor in Civil Engineering, Caroline Terrace Apts., Apt. C4, North Augusta, S. C. 1949.

Taylor, Clarence N., Instructor in Mechanical Engineering, University of Houston, Houston, Texas. 1949.

Taylor, Craig L., Associate Professor of Engineering, University of California, Los Angeles, Calif. 1947.

Taylor, Delos C., Associate Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1932.

Taylor, Donald W., Associate Professor of Soil Mechanics, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

Taylor, Edwin J., Jr., Dean, College of Applied Science, Ohio University, Athens, Ohio. 1947.

Taylor, Francis M., Professor and Head, Dept. of Chemical Engineering, Tulane University, New Orleans 15, La. 1939.

Taylor, Frank M., Associate Professor of Civil Engineering, University of Maine, Orono, Maine. 1941.

Taylor, George A., Professor of Engineering and Management, Thayer School, Dartmouth College, Hanover, N. H. 1949.

Taylor, George Y., Director of Education, American Locomotive Company, Schenectady, N. Y. 1949.

Taylor, James A., Head and Professor of Chemical and Metallurgical Engineering, Wayne University, Detroit, Mich. 1949.

Taylor, K. Austin, Director of Research, International Paper Company, Glen Falls, N. Y. 1949.

Taylor, Thomas T., Research Physicist, Electronics, Hughes Aircraft Company, Culver City, Calif. 1949.

Taylor, Walter A., Director, Dept. Education and Research, American Institute of Architects, 1741 New York Ave., N.W., Washington 6, D. C. 1946.

Taylor, Warren C., Professor Emeritus of Civil Engineering, Union College, Schenectady, N. Y. *Life member.* 1913.

Taylor, Wendell S., Assistant Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1946.

Taylor, William C., Jr., Assistant Professor of Engineering and Mathematics, University of Tennessee Junior College, Martin, Tenn. 1948.

Taylor, William H., Professor and Head, Dept. of Drawing, University of Alabama, University, Ala. 1942.

Tchou, Mario W. 1948.

Tea, Peter L., Associate Professor of Drafting, College of the City of New York, New York, N. Y. 1935.

Teare, B. Richard, Jr., Dean of Graduate Studies, and Head, Dept. of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. *Second Recipient, George Westinghouse Award (1947).* 1933.

Teffeau, George K., Editorial Writer, Air Research Mfg. Co., Hollywood, Calif. 1950.

Tegtmeyer, Ray C., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1948.

Teichmann, F. K., Professor and Chairman, Dept. of Aeronautical Engineering, New York University, New York, N. Y. 1930.

Teller, Aaron J., Acting Chairman and Assistant Professor of Chemical Engineering, Fenn College, Cleveland, Ohio. 1948.

Temlitz, Richard L., Lecturer in Engineering Drawing, University of Buffalo, Buffalo, N. Y. 1948.

Temple, Edward H., Engineer, Franconia Paper Corp., Lincoln, N. H. 1938.

Terman, Frederick E., Dean, School of Engineering, Professor of Electrical Engineering, Stanford University, Stanford, Calif. (*Vice President, 1949–51.*) 1945.

Terrell, Carroll F., Instructor in English, University of Maine, Orono, Me. 1950.

Terrell, Daniel V., Dean of Engineering, University of Kentucky, Lexington 29, Ky. 1917.

Terwilliger, C. V. O., Professor and Head, Dept. of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1924.

Terwilliger, Carroll F., Manager, Technical Recruiting Div., Executive Dept., General Electric Co., Schenectady, N. Y. 1949.

Tess, Paul J., Assistant Professor of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

Tetreault, Emil A., Industrial Coordinator, University of Detroit, Detroit, Mich. 1951.

Thaler, George J., Assistant Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1949.

Thatcher, Romeyn Y., Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1934.

Theakston, Harold R., Professor and Head, Dept. of Engineering, Dalhousie University, Halifax, N. S., Canada. 1946.

Theiss, E. S., Chief Engineer, Davey Compressor Co., Kent, Ohio. 1939.

Theroux, Frank R., Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1938.

Theurer, Ellen K. 1943.

Thibodeaux, Murphy H., Instructor in Civil Engineering, The Rice Institute, Houston, Texas. 1950.

Thieme, Reinhold W., Assistant Professor of Civil Engineering, Norwich University, Northfield, Vermont. 1951.

Thigpen, Joseph J., Instructor in Military Art and Engineering, USMA, West Point, N. Y. 1948.

Thode, Edward F., Associate Professor of Chemical Engineering, University of Maine, Orono, Maine. 1948.

Thom, George B., Professor and Head, Mechanical Engineering Dept., Newark College of Engineering, Newark, N. J. (Home: Wallingford, Pa.) 1935.

Thomas, Albert L., Professor and Acting Head, Dept. of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1928.

Thomas, C. Delmar, Professor and Head, Department of Physics, University of Tulsa, Tulsa 4, Okla. 1946.

Thomas, Charles F., Professor of Mathematics, Emeritus, Case Institute of Technology, Cleveland, Ohio. *Life member.* 1900.

Thomas, D. Boyd, Professor of Mathematics, Apprentice School, Newport News Shipbuilding & Dry Dock Co., Newport News, Va. 1938.

Thomas, David, Staff Man, Personnel, Goodyear Tire and Rubber Co., Akron, Ohio. 1948.

Thomas, Eugene M., Dean of Engineering, Texas Western College, El Paso, Texas. 1944.

Thomas, Franklin, Professor of Civil Engineering, California Institute of Technology, Pasadena 4, Calif. 1914.

Thomas, Frederick H., Professor and Head, Dept. of Industrial Engineering, University of Buffalo, Buffalo 14, N. Y. 1926.

Thomas, Geo. B., Director of Industrial Relations, Los Alamos Scientific Laboratory, Los Alamos, N. M., Retired. (Home: 71 Chestnut St., Maplewood, N. J.) 1911.

THOMAS, GILBERT D., Associate Professor of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1937.

THOMAS, JACK V., Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

THOMAS, JOHN H., Assistant Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1947.

THOMAS, JOSEPH D., Assistant Professor of English, The Rice Institute, Houston, Texas. 1950.

THOMAS, JOSEPH S., Technical Personnel Manager, Central Industrial Relations Dept., Westvaco Chem. Div., Food Machinery & Chem. Corp., New York, N. Y. 1949.

THOMAS, LUTHER W., Assistant Professor of General Engineering, Purdue University, Lafayette, Ind. 1939.

THOMAS, MELVIN A., Dean, School of Engineering, Head, Electrical Engineering, Dept., New Mexico College of A. & M. Arts, State College, N. M. 1934.

THOMAS, NEIL D., Associate Professor of Engineering Drawing, Ohio University, Athens, Ohio. 1943.

THOMAS, THEODOR W., Associate Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1950.

THOMAS, WALTER E., Instructor in General Engineering, Purdue University, Lafayette, Ind. 1948.

THOMAS, WILEY, JR., Director, A.E.D.C., University Affiliation Study, University of Tennessee, Tullahoma, Tenn. 1948.

THOMAS, WILLIAM A., Electrical Engr., Electric Products Co., Cleveland, Ohio. 1949.

THOMASSEN, HENRY S., Associate Editor in Technical Education, McGraw-Hill Book Company, New York, N. Y. 1950.

THOMEN, JACOBO A., Professor, University of Santo Domingo, Socorro Sanchez 17, Ciudad Trujillo, Dominican Rep., W. I. 1945.

THOMFORDE, CLIFFORD J., Assistant Professor of Electrical Engineering, University of North Dakota, Grand Forks, N. D. 1947.

THOMPSON, A. RALPH, Associate Professor of Chemical Engineering, University of Pennsylvania, Philadelphia, Pa. 1949.

THOMPSON, ALBERTO F., Chief, Technical Information Service, Atomic Energy Commission, Washington, D. C. 1951.

THOMPSON, ALVIN J., Professor and Head, Dept. of Mining and Metallurgy, New Mexico School of Mines, Socorro, N. Mex. 1951.

THOMPSON, CHARLES H., Assistant Professor of Technical Training, Oklahoma A. & M. College, Stillwater, Okla. 1948.

THOMPSON, DUDLEY, Associate Professor of Chemical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

THOMPSON, EVERETT D., Instructor in Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1950.

THOMPSON, FRANKLIN H., Lecturer in Engineering Design, Purdue University, Lafayette, Ind. 1946.

THOMPSON, FREDERICK W., Assistant Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

THOMPSON, H. LOREN, Consulting Engineer and Partner, Stevens & Koon, 1204 Spalding Bldg., Portland 4, Ore. 1939.

THOMPSON, HENRY C., JR., Associate Professor of Engineering Drawing, Purdue University, Lafayette, Ind. 1945.

THOMPSON, J. GEORGE H., Associate Professor of Mechanical Engineering, Texas A. & M. College, College Station, Texas. 1938.

THOMPSON, J. NEILS, Professor of Civil Engineering and Director, Off-Campus Research Center, University of Texas, Austin, Texas. 1942.

THOMPSON, JAMES S., Vice-Chairman of the Board, Retired, McGraw-Hill Book Co., New York, N. Y., 35 Hathaway Lane, White Plains, N. Y. (*Treasurer, 1942–50; Member of Council, 1938–50.*) 1911.

THOMPSON, J. TRUEMAN, Professor of Civil Engineering, The Johns Hopkins University, Baltimore 18, Md. 1941.

THOMPSON, KARL O., Professor Emeritus of English, Case Institute of Technology, Cleveland, Ohio. *Life member.* 1919.

THOMPSON, LEE P., Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1943.

THOMPSON, MILTON J., Professor and Chairman, Department of Aeronautical Engineering, Associate Director, Defense Research Laboratory, The University of Texas, Austin 12, Texas. 1934.

THOMPSON, PAUL V., Professor of English, University of Colorado, Boulder, Colo. 1943.

THOMPSON, SOPHUS, Professor of Civil Engineering, Southern Methodist University, Dallas, Texas. 1936.

THOMPSON, TRUET B., Assistant Professor of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1950.

THOMPSON, VIRGINIA, Instructor in Engineering Research, Oklahoma A. & M. College, Stillwater, Okla. 1948.

THOMPSON, WILLIAM E., Instructor in Civil Engineering, University of Washington, Seattle, Wash. 1950.

THOMSON, CHRISTIAN R., Instructor in Radio, Waite High School, Toledo, Ohio. 1950.

THOMSON, EARL W., Senior Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1946.

THOR, ERIC, Research Fellow, Giannini Foundation, University of California, Berkeley, Calif. 1948.

THORNBURG, MARTIN L., Professor and Head, Dept. of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1925.

THORNE, JOSEPH R., Instructor in General Engineering, Purdue University, Lafayette, Ind. 1949.

THORNTON, JESSE E., Professor of English, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1946–51.*) 1936.

THOROGOOD, BRACKETT K., Executive Director, Franklin Technical Institute, Boston 16, Mass. 1940.

THRESHER, B. ALDEN, Director of Admissions, Massachusetts Institute of Technology, Cambridge, Mass. 1935.

THROOP, JOSEPH F., Assistant Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

THUERING, GEORGE L., Supervisor of Plant Layout, Lockheed Aircraft Corp., Marietta Div., Marietta, Ga. 1949.

THUESEN, H. G., Professor and Head, Dept. of Industrial Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1926.

THURSTON, JAMES N., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1949.

TICE, LAWRENCE W., President, and Chairman of the Board, International Textbook Co., Scranton, Pa. 1936.

TICHVINSKY, LEONID M., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1946.

TIFFORD, ARTHUR N., Associate Professor of Aeronautical Engineering, Ohio State University, Columbus, Ohio. 1949.

TILGHMAN, HARRISON, Counsellor-at-Law, Colonel, U. S. Army Res., Retired, P. O. Box 707, Easton, Md. *Life member.* 1919.

TILLES, ABE, Engineering Dept., Pacific Gas & Electric Co., 245 Market St., San Francisco 6, Calif. 1937.

TILLES, SEYMOUR, Assistant Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1951.

Tillitson, Edward W., Associate Professor of Chemical Engineering, Dir. Rubber & Plastics Lab., Wayne University, Detroit, Mich. 1948.

Timbie, William H., Professor Emeritus of Electrical Engineering and Industrial Practice, Massachusetts Institute of Technology, Cambridge, Mass. (*Member of Council, 1929–32.*) **1908.**

Timby, Elmer K., Partner, Howard, Needles, Tammen & Bergendoff, 55 Liberty St., New York 5, N. Y. 1929.

Timmons, George G., Instructor in Shop Practice, Kansas State College, Manhattan, Kans. 1948.

Timoshenko, Gregory S., Professor and Head, Dept. of Electrical Engineering, University of Connecticut, Storrs, Conn. 1939.

Timoshenko, Stephen P., Professor of Mechanics, Emeritus, Stanford University, Stanford, Calif. *Twelfth Recipient, Lamme Medal (1939).* **1927.**

Tims, George B., Jr., Professor and Head of Industrial Engineering, Lamar State College of Technology, Beaumont, Texas. 1948.

Tindal, Robert T., Assistant Professor of Civil Engineering, University of Miami, Coral Gables, Fla. 1950.

Tingey, Willis A., Assistant Professor of Civil Engineering, Utah State Agricultural College, Logan Utah. 1950.

Tingley, Freeman T., Professor of Electrical Engineering, Clemson Agricultural College, Clemson, S. C. 1927.

Tinning, George M., Instructor in Engineering, Detroit Institute of Technology, Detroit, Mich. 1947.

Tinniswood, W. W., Associate Professor of Civil Engineering, University of Idaho, Moscow, Idaho. 1946.

Tippy, Kenneth C., Head, Dept. of Civil Engineering, University of Connecticut, Storrs, Conn. 1943.

Tittle, Morris E., Assistant Professor of Mathematics, Texas A. & M. College, College Station, Texas. 1948.

Torey, Aubrey C., Instructor in Mechanical Engineering, University of Connecticut, Storrs, Conn. (In Service: Home add.: 261 Lowell St., Arlington, Mass.) 1949.

Toews, Gustav P. 1948.

Tollinger, Charles L., Associate Professor and Director, Department of Mechanical Shops, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

Tolman, Carl, Dean, Graduate School of Arts and Sciences, and Professor and Head of Geology and Geological Engineering Dept., Washington University, St. Louis, Mo. 1949.

Tolonen, Frank J., Associate Professor of Metallurgical Research, Michigan College of Mining and Technology, Houghton, Mich. 1948.

Tompkins, Frederick N., Professor of Electrical Engineering, Brown University, Providence 12, R. I. 1922.

Tompkins, Howard E., Research Engineer, Burroughs Adding Machine Co., 511 N. Broad St., Philadelphia 23, Pa. 1950.

Tompkins, Lee L., Assistant Division Manager, (on Leave), C. E. S. Continental Can Co., Inc., Houston, Texas. 1950.

Toner, Richard K., Associate Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1948.

Toole, Charles E., Assistant Professor of Physics, Pratt Institute, Brooklyn, N. Y. 1948.

Tootle, Columbus E., Assistant Professor of Industrial Organization, U. S. Air Forces Institute of Technology, Dayton, Ohio. 1950.

Toppeto, Alphonse A., Instructor in Electrical Engineering, University of Detroit, Detroit, Mich. 1951.

Topping, Alanson D., Engr. Specialist, Structures, Goodyear Aircraft Corp., Akron, Ohio. 1935.

Toran, Nestor E., Project Engineer, Baird Associates, Inc., Cambridge, Mass. 1950.

Torgersen, Harold, Associate Professor of Electrical Engineering, Assistant Dean in charge of Evening Division, College of Engineering, New York University, New York, N. Y. 1935.

Torgersen, Walter, Plant Superintendent, Diemolding Corp., Canastota, N. Y. 1947.

Touloukian, Yeram S., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

Toulouse, Julian H., Chief Engineer, Quality and Specifications Dept., Owens-Illinois Glass Co., Toledo, Ohio. 1949.

Tour, Reuben S., Professor and Head, Chemical Engineering Dept., University of Cincinnati, Cincinnati, Ohio. 1944.

Tovani, Ernest P., Assistant Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1946.

Towle, Norman L., Dean, School of Engineering, Cooper Union, New York 3, N. Y. 1925.

Town, George R., Associate Director, Engineering Experiment Station, and Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1944.

Townsend, Arthur L., Director, Lowell Institute School, Massachusetts Institute of Technology, Cambridge 39, Mass. 1933.

Townsend, Clarence E., Professor and Head, Department of Engineering Drawing, Cornell University, Ithaca, N. Y. 1930.

Townsend, Ernest J., Treasurer, Michigan College of M. & T., Houghton, Mich. 1944.

Townsend, Richard E., Associate Professor of Chemical Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Tozer, Eliot F., Professor and Head, Dept. of Drawing, Northeastern University, Boston, Mass. 1927.

Tracy, Gordon F., Professor and Chairman, Dept. of Electrical Engineering, University of Toronto, Toronto 5, Canada. 1928.

Tracy, John C., Professor Emeritus of Civil Engineering, Yale University, New Haven, Conn. (*Member of Council, 1912–15, 1920–23.*) *Life member.* **1907.**

Tracy, Maurice B., Mgr., Tech. Recruit and Train., Major Appliances, General Electric Co., Bridgeport, Conn. 1945.

Tracy, Stephen J., Assistant Professor of Mechanical Engineering, College of the City of New York, New York 31, N. Y. 1930.

Trathen, Roland H., Associate Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

Trautman, DeForest L., Jr., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1950.

Travis, Irven, Director of Research, Burroughs Adding Machine Co., 511 N. Broad St., Philadelphia 23, Pa. 1936.

Treat, Burnett F., Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1947.

Trefry, Donald E., Staff Engineer, Lighting Division, The Detroit Edison Company, Detroit, Mich. 1950.

Trent, Clarence E., Associate Professor of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1938.

Trent, Harold F., Assistant Professor of Graphics, Project Engineer, Radio Shops, Western Elec. Co., Va. 1949.

Trevett, Harold N., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Treybal, Robert E., Professor and Acting Chairman, Department of Chemical Engi-

neering, New York University, New York 53, N. Y. 1947.

TREZISE, FREDERICK W., Associate Dean, Department of Engineering Science, Chicago Undergraduate Division, University of Illinois, Chicago 11, Ill. 1947.

TRIANA, JORGE, Professor, Highway Engineering, Universidad Nacional de Colombia, Bogota, Colombia, S. A. 1943.

TRIBUS, MYRON, Director of Icing Research, Engineering Research Institute, University of Michigan, Ann Arbor, Mich. 1947.

TRIEST, RUDOLF M., Vice President, Production, John Wiley and Sons, Inc., 440 Fourth Avenue, New York, N. Y. 1924.

TRIGGER, KENNETH J., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1936.

TRINKLE, ROBERT J., Professor of Mechanical Engineering, Virginia Military Institute, Lexington, Va. 1946.

TRIPP, WILSON, Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1948.

TRIVELY, ILO A., Professor of Civil Engineering, Clemson Agricultural College, Clemson, S. C. 1942.

TROTTER, RICHARD A., Associate Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1929.

TROWBRIDGE, DOUGLAS S., Professor and Acting Chairman, Dept. of Civil Engineering, New York University, New York, N. Y. 1924.

TROWBRIDGE, RAYMOND N., Associate Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

TROXELL, GEORGE E., Professor of Civil Engineering, University of California, Berkeley, Calif. 1940.

TRUCKENMILLER, WILLIAM C., Associate Professor of Metal Processing, University of Michigan, Ann Arbor, Mich. 1946.

TRUEBLOOD, RICHARD O., Assistant Professor of Electrical Engineering, University of Wyoming, Laramie, Wyo. 1931.

TRUETTNER, W. I., Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1938.

TRUMBULL, ROBERT G., Associate Professor of Mechanical Engineering, The George Washington University, Washington, D. C. 1949.

TRUMMEL, JOHN M., Assistant Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1943.

TRUMPLER, PAUL R., Professor in Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1950.

TSCHEBOTARIOFF, GREGORY P., Professor of Civil Engineering, Princeton University, Princeton, N. J. 1937.

TSANG, NGEU FAUNG, Assistant Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1951.

TSE, FRANCIS S., Instructor in Mechanical Engineering, Ohio State University, Columbus, Ohio. 1948.

TSUDA, GEORGE H., Instructor in Engineering Drawing, Michigan State College, East Lansing, Mich. 1949.

TUCK, HARRY P., Associate Professor and Head of Electrical Engineering, University of Tasmania, Hobart, Tasmania, Australia. 1946.

TUCKER, CARLTON E., Professor and Executive officer, Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. (*Member of Council, 1942–46.*) 1922.

TUCKER, J. MACK, Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1943.

TUCKER, LEROY, Assistant Professor of Mechanics, The Ohio State University, Columbus 10, Ohio. 1927.

TUCKER, ROBERT E., Lecturer in Engineering, University of California at Los Angeles, Calif. 1949.

TUDBURY, CHESTER W., Supervisor of Instruction and Head, Department of Mathematics, Wentworth Institute, Boston, Mass. 1921.

TULLIS, EDWARD L., Chairman, Dept. of Geology, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

TULLY, THOMAS J., Associate Professor and Executive Associate in Chemistry, Newark College of Engineering, Newark, N. J. 1943.

TULOCK, JOHN L., Assistant Professor of Engineering Drawing, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

TUMA, GERALD, Associate Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1947.

TUMBLESON, IRA A., Librarian, Newark College of Engineering, Newark, N. J. 1943.

TUPPER, KENNETH F., Dean of Applied Science and Engineering, University of Toronto, Toronto, Ont., Canada. 1949.

TURIN, JOHN J., Professor and Head, Physics Dept., University of Toledo, Toledo, Ohio. 1949.

TURKINGTON, DONALD B., Assistant Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1947.

TURNBULL, WILLIAM D., Junior Dean, College of Engineering, The Ohio State University, Columbus 10, Ohio. 1917.

TURNEAURE, F. E., Dean Emeritus, University of Wisconsin, 116 No. Prospect Ave., Madison, Wis. (*President, 1908–09; Member of Council, 1903–46; Member, Board of Investigation and Coordination, 1925–33.*) *Tenth Recipient, Lamme Medal (1937).* 1894.

TURNER, ADLAI S., Professor of Civil Engineering and Head, Engineering Division, Arkansas Polytechnic College, Russellville, Ark. 1940.

TURNER, EARLE O., Dean of Engineering, University of New Brunswick, Fredericton, N. B., Canada. 1946.

TURNER, EDNA M., Assistant Professor of Chemistry, Pratt Institute, Brooklyn, N. Y. 1950.

TURNER, ELMER, Instructor in Social Studies, New York State Institute of Applied Arts and Sciences, Buffalo, N. Y. 1949.

TURNER, FRANCIS M., Vice President, The Reinhold Publishing Corp., 330 West 42nd St., New York 18, N. Y. 1942.

TURNER, HUBERT M., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1929.

TURNER, JAMES L. 1948.

TURNER, LOUIS A., 637 N. Washington St., Hinsdale, Ill. 1949.

TURNER, RICHARD C., JR., Comdr., Dept. of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1938.

TURNER, WALTER W., Assistant Professor of Electrical Engineering, University of Maine, Orono, Me. 1950.

TURNER, WILLIAM W., Professor and Head, Dept. of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1939.

TURNEY, BRUCE M., Chemist, Best Foods, Inc., Indianapolis, Ind. 1948.

TURPIN, MANLY C., Secretary, American Society of Refrigerating Engineers, 40 West 40th St., New York 18, N. Y. 1948.

TURRITTIN, HUGH L., Associate Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1945.

TURSICH, ERNEST J., 2117 S. Hamlin Ave., Chicago 23, Ill. 1950.

TUTHILL, ARTHUR F., Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1939.

TUTHILL, JOHN K., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1922.

TUTT, CHARLES L., JR., Administrative Chairman, Fifth-Year & Degree Program, General Motors Institute, Flint 2, Mich. 1941.

TUTTLE, MILTON A., Associate Professor of Ceramic Engineering, North Carolina State College, Raleigh, N. C. 1950.

TUTTLE, ROBERT E., Assistant Chairman, English and Coordination Dept., General Motors Institute, Flint, Mich. 1948.

TUVE, GEORGE L., Professor and Head, Dept. of Mechanical Engineering, Case Institute of Technology, Cleveland 6, Ohio. 1925.

TWINING, ROBERT B., Assistant Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1947.

TWOGOOD, A. J., Head of Physics & Engineering, Riverside Junior College, Riverside, Calif. 1933.

TYKOCINER, J. T., Research Professor Emeritus, 306 Iowa St., Urbana, Ill. 1929.

TYLER, CLARENCE M., JR., Assistant Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1946.

TYLER, EDWARD J., Vice President, Harper & Brothers, Publishers, 49 E. 33rd St., New York City. 1940.

TYLER, RICHARD G., Professor of Sanitary Engineering, University of Washington, Seattle, Wash. 1950.

TYRRELL, CECIL C., Director, New York State Institute of Applied Arts and Sciences, Binghamton, N. Y. 1934.

UICKER, GEORGE B., Associate Professor of Mechanical Engineering, University of Detroit, Detroit 21, Mich. 1946.

UICKER, JOHN J., Director, Dept. Mechanical Engineering, University of Detroit, Detroit, Mich. 1933.

ULMAN, JOSEPH N., Assistant Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1948.

ULRICH, JOHN R., *Spokane Chronicle*, Spokane, Wash. 1948.

UNDERWOOD, PAUL H., Professor of Surveying, Cornell University, Ithaca, N. Y. *Life member.* 1922.

UNDERWOOD, ROBERT H., Engineer, PWT, ARO, Inc., 522 Olive St., St. Louis 1, Mo. 1946.

UNGRODT, RICHARD J., Associate Professor of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

UNIECHOWSKI, S. R., Assistant Professor of Engineering Mechanics, University of Detroit, Detroit 21, Mich. 1948.

UNK, JACOB M., Professor of Electrical Engineering, National Institute of Technology, Delft, Holland. 1948.

UPDIKE, OTIS L., Associate Professor of Chemical Engineering, University of Virginia, Charlottesville, Va. 1946.

UPSON, RALPH H., Professor of Aeronautical Engineering, University of Minnesota, Minneapolis 14, Minn. 1947.

UPTHEGROVE, CLAIR, Professor and Chairman, Dept. of Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

URBACH, WALTER F., Assistant Professor of English & History, Massachusetts Institute of Technology, Cambridge, Mass. 1949.

UREN, LESTER C., Professor of Petroleum Engineering and Chairman, Division of Mineral Technology, University of California, Berkeley, Calif. 1939.

URIAN, GEORGE G., Instructor in Engineering, Marshall College, Huntington, W. Va. 1950.

DE URZAIZ, LUIS, President, National Technical Institute, New York, N. Y. 1948.

USTRUD, HERBERT O., Assistant Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1945.

UYEHARA, OTTO A., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

VACCARO, MICHAEL J., Training Officer, National Advis. Committee on Aero., Cleveland, Ohio. 1947.

VAIL, CHARLES R., Assistant Professor of Electrical Engineering, Duke University, Durham, N. C. 1940.

VAIL, ROBERT ST. PATRICK, Chief Engineer, Cabot Carbon Co., Inc., Pampa, Texas. 1938.

VALADE, ERNEST A., Associate Professor of Electrical Engineering, Catholic University of America, Washington 17, D. C. 1936.

VALE, VERNER D., President, Vale Technical Institute, Blairsville, Pa. 1948.

VALEY, VALENTIN A., Assistant Professor of Mechanics in charge of Mats. Testing Lab., USAF Institute of Technology, Wright-Patterson Air Base, Dayton, Ohio. 1948.

VALLERGA, BERNARD A., Assistant Professor of Civil Engineering, University of California, Berkeley, Calif. 1949.

VALLEY, JOHN R., Assistant Dean of Students, Case Institute of Technology, Cleveland, Ohio. 1948.

VALLIER, JUSTIN D., Engineer, Educational Service Division, General Electric Company, Schenectady, N. Y. 1951.

VALPEY, ROBERT G., Capt., U. S. Air Force, Instructor in Mechanics, U. S. Military Academy, West Point, N. Y. 1950.

VAN BERG, CHARLES F., Box 3686, Baytown, Texas. 1948.

VANCE, HAROLD, Professor and Head, Dept. of Petroleum Engineering, A. & M. College of Texas, College Station, Texas. 1937.

VAN DEN BROEK, JAN A., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1924.

VAN DER ROHE, LUDWIG M., Director, Dept. of Architecture, Illinois Institute of Technology, Chicago, Ill., 1949.

VANDERSLICE, RALPH L., Associate Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1948.

VAN DEUSEN, GEORGE L., President, RCA Institute, Inc., 350 West 4th Street, New York 14, N. Y. 1948.

VAN DUSEN, EDWARD B., Director, Pittsfield Technical High School, Pittsfield, Mass. 1949.

VAN DUZEE, GERALD R., Professor and Head, Department of Metallurgy, South Dakota School of M. & T., Rapid City, S. D. 1947.

VAN DYCK, W. CUYLER, Supervisor of College Graduate Training, Caterpillar Tractor Co., Peoria, Ill. 1946.

VAN DYKE, JAMES R., Professor and Chairman, Dept. of Mechanical Engineering, University of Nevada, Reno, Nev. 1941.

VAN EE POEL, P., Dean, Faculty of Applied Sciences, University of Brussels, Brussels, Belgium. 1947.

VAN HAGAN, LESLIE F., Professor and Chairman, Retired, Dept. of Civil Engineering, University of Wisconsin, Madison, Wis. (Home: 2105 Madison St., Madison 5, Wis.) *Life Member.* 1912.

VAN HORN, ROBERT B., Professor of Hydraulic Engineering and Head, Dept. of Civil Engineering, University of Washington, Seattle, Wash. 1945.

VAN HOUTEN, ROBERT W., President, Newark College of Engineering, Newark 2, N. J. 1933.

VAN LEER, BLAKE R., President, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council, 1933–36.*) 1923.

VAN METER, DAVID, Assistant Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1948.

VAN NICE, ROBERT I., Instructor in Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

VAN NOTE, WILLIAM G., President, Clarkson College of Technology, Potsdam, N. Y. 1936.

VAN PELT, J. ROBERT, President, Montana School of Mines, Butte, Mont. 1936.

VAN RENNES, ALBERT B., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1949.

VAN SKIVER, WALTER W., Educational Specialist, U. S. Air Force Technical School, Belleville, Ill. 1950.

VAN VALKENBERG, M. E., Associate Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1944.

VAN VLACK, CLAUDE H., Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. 1943.

VAN VLEET, JAMES G., Professor of Mechanical Engineering, Extension Division, University of Wisconsin, Milwaukee, Wis. 1947.

VAN VLIET, JAMES L., Associate Professor of Physics, Lawrence Institute of Technology, Detroit, Mich. 1950.

VAN VOORHIS, WALTER R., Professor of Mathematics, Fenn College, Cleveland, Ohio. 1949.

VAN VORST, WILLIAM D., Lecturer in Engineering, University of California, Los Angeles, Calif. 1947.

VAN WAMBECK, STANLEY H., Associate Professor of Electrical Engineering, Washington University, St. Louis, Mo. (*Member of Council, 1947–49.*) 1938.

VAN WINKLE, EDWARD H., Professor of Management Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

VAN WINKLE, MATTHEW, Professor and Chairman of Chemical Engineering, University of Texas, Austin 12, Texas. 1947.

VAN WYCK, PHILIP S., Supervisor & Teacher Trainer, Tacoma Vocational Technical School, Tacoma, Wash. 1948.

VAN WYE, RALPH A., Associate Professor of Coordination, University of Cincinnati, Cincinnati, Ohio. 1947.

VAN ZEELAND, FRED J., Director, College of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

VAN ZILE, LAURENCE W., Assistant Engineer, Public Service E. & G. Co., Newark, N. J. 1945.

VARGA, JOSEPH E., Instructor in Architectural Engineering, University of Detroit, Detroit, Mich. 1948.

VARNER, WALTER W., Instructor in Applied Mathematics, University of Colorado, Boulder, Colo. 1949.

VARNEY, WILBUR R., Assistant Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1950.

VASCONCELLES, HAROLD J., Instructor in Engineering, Springfield Junior College, Springfield, Ill. 1947.

VATER, GERHARD A., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

VAUGH, MASON, Head of Agricultural Engineering, Allahabad Agricultural Institute, Allahabad, U. P., India. 1944.

VAUGHAN, FRANCIS E., Senior Partner, V. & E. Manufacturing Company, Pasadena, Calif. 1951.

VAUGHAN, JOSEPH L., Professor of English, University of Virginia, University, Va. 1930.

VAUGHAN, LILLIAN L., Professor Emeritus of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1912.

VAUGHN, KENNETH W., Personnel Consultant, Hyde Park on Hudson, N. Y. 1943.

VAWTER, JAMISON, Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1926.

VEAL, C. B., 208 Spring Blvd., Tarpon Springs, Fla. 1910.

VEDOVA, GEORGE C., Professor and Head, Department of Mathematics, Newark College of Engineering, Newark, N. J. 1947.

VEIRS, STEPHEN D., Assistant Research Director, F. & R. Lazarus Co., Columbus, Ohio. 1947.

VEIT, ROBERT C., Associate Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1939.

VELINE, RAYMOND A., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1948.

VENER, RAYMOND E., Associate Professor of Chemical Engineering, Drexel Institute of Technology, Philadelphia 20, Pa. 1948.

VENN, ROLLO E., Associate Professor and Head, Dept. of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1940.

VENNARD, JOHN K., Professor of Fluid Mechanics, Stanford University, Stanford, Calif. 1935.

VERMEULEN, THEODORE, Professor of Chemical Engineering, University of California, Berkeley 4, Calif. 1948.

VERNON, JAMES B., Assistant Professor of Engineering, University of Southern California, Los Angeles, Calif. 1949.

VERPLANCK, DENNISTOUN W., Professor and Head of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1937.

VEY, EBEN, Associate Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

VICK, ALFRED T., Supt. of Schools, City of Savannah and Chatham County, Savannah, Ga. 1945.

VIDOSIC, JOSEPH P., Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1938.

VIERCK, CHARLES J., Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1942.

VIERCK, ROBERT K., Associate Professor of Engineering Mechanics, The Pennsylvania State College, State College, Pa. 1937.

VIGDOR, ARTHUR, Instructor in Mechanical Engineering, College of the City of New York, New York, N. Y. 1948.

VIGGERS, ROBERT F., Assistant Professor of Mechanical Engineering, Seattle University, Seattle, Wash. 1950.

VILANDER, NOBEL E., Instructor, Television, Central Radio and Television Schools, Kansas City, Mo. 1950.

VILBRANDT, FRANK C., Head, Dept. of Chemical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1944–46.*) 1931.

VILLAFANE, OSVALDO, Associate Professor of Mechanical Engineering, University of Puerto Rico, Mayaguez, P. R. 1947.

VILLAUME, JOHN C., Acting Dean of the Faculty, International Correspondence Schools, Scranton, Pa. 1951.

VILLEMONTE, JAMES R., Associate Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1941.

VINCENT, EDWARD T., Professor & Chairman of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

VIRENE, EDGAR P., Assistant Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1949.

VIRTUE, BYRON T., Chief Engineer, Bearings Div., Torrington Co., Torrington, Conn. 1949.

VITROGAN, DAVID, Associate Professor of Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1946.

VIVELL, ALLEN E., Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1937.

Vivian, Robert E., Dean, College of Engineering, and Professor of Chemical Engineering, University of Southern California, Los Angeles 7, Calif. 1937.

Vliet, Daniel H., Instructor in Electrical Engineering, Tulane University, New Orleans, La. 1950.

Voelker, Mervin J., Instructor in Mining, South Dakota School of Mines and Technology, Rapid City, S. D. 1951.

Voelker, Robert A., Professor of Civil Engineering, Antioch College, Yellow Springs, Ohio. 1950.

Vogel, Fred J., Professor of Electrical Engineering, 7831 Milwaukee Ave., Wauwotasa, Wis. 1947.

Vogt, Charles C., Chairman, Mech. Sub. Div., Engineering Department, U. S. Naval Ordnance Laboratory, White Oak, Silver Spring, Md. 1948.

Vogt, Chris. A., Associate Professor of Mechanical Engineering, University of Houston, Houston, Texas. 1949.

Volk, Joseph A., Professor of Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1948.

Volterra, Enrico G., Associate Professor of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1950.

Von Eschen, Garvin L., Professor and Chairman, Dept. of Aeronautical Engineering, The Ohio State University, Columbus 10, Ohio. 1944.

Von Fischer, William, Head, Chemistry and Chemical Engineering Depts., Case Institute of Technology, Cleveland, Ohio. 1949.

von Trott, Lewis G., Instructor in Electronics, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

Voorhees, Boynton S., Vice President, Improvements, New York Central System, New York, N. Y. 1949.

Voorhies, M. B., Professor of Electrical Engineering, Assistant to the Dean, Louisiana State University, University, La. 1935.

Vopat, Wm. A., Professor and Head, Dept. of Mechanical Engineering, Cooper Union, New York, N. Y. 1932.

Vopni, Sylvia F., Head, Mathematics and Science, Edison Technical School, Seattle, Wash. 1948.

Vorbe, Georges. 1948.

Vose, F. H., Professor Emeritus of Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio. 1907.

Vose, Thomas L., Assistant Professor of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1950.

Voss, Walter C., Professor and Head of Building Engineering and Construction, Massachusetts Institute of Technology, Cambridge, Mass. 1932.

Votta, Ferdinand, Assistant Professor of Chemical Engineering, University of Rhode Island, Kingston, R. I. 1948.

Vrana, John J., Associate Professor of Mechanical Engineering, Villanova College, Villanova, Pa. 1947.

Vreeland, Howard W., Assistant Professor of Drafting, Columbia University, New York, N. Y. 1947.

Vreeland, Robert P., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1948.

Vuilleumier, Ralph O., Associate Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1947.

Vulliet, Philip O., Instructor in Engineering, Olympic Junior College, Bremerton, Wash. 1948.

Wackenhut, Norman H., Assistant Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Wadsworth, James D., Assistant Professor, Forging Dept., Utah State Agricultural College, Logan, Utah. 1950.

Wager-Smith, D. R. W., Assistant Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1947.

Wagerson, Richard S., Industrial Coordinator, Placement, University of Detroit, Detroit, Mich. 1951.

Wagner, Charles A., Associate Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1948.

Wagner, Edward J., Assistant Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

Wagner, Eldon C., Associate Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1947.

Wagner, Herman A., Consulting Engineer, 8 So. Michigan Ave., Chicago 3, Ill. 1907.

Wagner, John F., Assistant Professor of Mathematics, University of Colorado, Boulder, Colo. 1949.

Wagner, Stephen S., Assistant Professor of Drawing, Mechanics and Design, University of Buffalo, Buffalo, N. Y. 1946.

Wagner, Warren O., Consulting Hydraulic Engineer, 738 E. Walnut St., Pasadena, Calif. 1939.

Wagner, William C., Professor and Head, Dept. of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1948.

Wahlers, Fred A., Associate Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1947.

Waibler, Paul J., Instructor in Mechanical Engineering. 1945.

Waidleich, Donald L., Professor of Electrical Engineering. 1939.

Waite, Richard A., Jr., Dean of Students, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

Waite, William W., Associate Professor of Industrial Engineering, Columbia University, New York 27, N. Y. 1948.

Walas, Stanley M., Associate Professor of Chemical Engineering, University of Kansas, Lawrence, Kans. 1951.

Waling, Joseph L., Associate Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1948.

Wald, Joseph H., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1948.

Wales, Royal L., Dean of Engineering, Emeritus, University of Rhode Island, Kingston, R. I. 1914.

Walker, Carroll L., Jr., Stress Analyst, Engineering, Douglas Aircraft, Santa Monica, Calif. 1951.

Walker, Charles A., Assistant Professor of Chemical Engineering, Yale University, New Haven, Conn. 1942.

Walker, Charles R., Assistant Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1950.

Walker, Eric A., Dean of Engineering, Pennsylvania State College, State College, Pa. (*Member of Council, 1950–52.*) 1938.

Walker, Harold L., Professor and Head, Dept. of Mining and Metallurgical Engineering, University of Illinois, Urbana, Ill. 1943.

Walker, Harry B., Professor of Agricultural Engineering and Agricultural Engines, Engineering Experiment Station, University of California, Davis, Calif. (*Member of Council, 1933–36.*) 1921.

Walker, Harry N. 1931.

Walker, John W., Assistant Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

Walker, Leonard D., Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1928.

Walker, Morton, Dean of Men and Associate Professor of English, University of Louisville, Louisville, Ky. 1947.

WALKER, RALPH C., On leave from Bucknell University; Student at University of Michigan, Ann Arbor, Mich. 1949.

WALKER, ROBERT E., Assistant Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

WALKER, S. BRANCH, Attorney, Patent Dept., American Cyanamid Co., Stamford, Conn. 1936.

WALKUP, JOSEPH K., Professor and Head, Dept. of General Engineering, Iowa State College, Ames, Iowa. (*Member of Council, 1948–50.*) 1941.

WALL, JAMES G., Instructor in Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1947.

WALLACE, ALEXANDER E., Consulting Chemical Engineer, 638 South Lake St., Neenah, Wis. 1948.

WALLACE, ELLSWORTH E. R., Director of Personnel and Ind. Relations, Burns & Roe, New York 7, N. Y. 1950.

WALLACE, FELIX A., Professor and Chairman, Department of Civil Engineering, 634 Hillsboro St., Pittsburgh 4, Pa. 1946.

WALLACE, LAWRENCE W., Counselor on Management, 2608 Cathedral Ave., Washington 8, D. C. 1924.

WALLACE, RAYMOND P., Chief Patent Engineer, Radiation Laboratory, University of California, Berkeley 4, Calif. 1951.

WALLACE, WALTER P., Lecturer in Engineering, University of California, Los Angeles 24, Calif. 1947.

WALLACE, WAYNE P., Associate Professor of Civil Engineering, Louisiana State University, Baton Rouge, La. 1947.

WALLIS, CLIFFORD M., Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1935.

WALRAVEN, H. DALE. 1949.

WALSH, EUGENE A., Instructor in Mechanical Engineering, University of Utah, Salt Lake City, Utah. 1950.

WALSH, FRANK W., Designer of Charts, Tests, Visual Aids, Box 432, Oshkosh, Wis. 1928.

WALSH, HAROLD V., Associate Professor of Drafting, College of the City of New York, New York City. 1940.

WALSH, THOMAS J., Associate Professor of Chemical Engineering, Case Institute of Technology, Cleveland, Ohio. 1948.

WALTEN, M. G., Administrator of Humanities, Associate Professor of English, College of the City of New York, New York, N. Y. 1948.

WALTER, GORDON E., Asst. Div. Engr., Specialty Transformer, Engineering Division, General Electric Co., Fort Wayne, Ind. 1948.

WALTER, JOHN A., Assistant Professor of English, University of Texas, Austin, Texas. 1946.

WALTERS, HOWARD R., Instructor in Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1947.

WALTERS, LOUIS G., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1950.

WALTERS, RAYMOND, President, University of Cincinnati, Cincinnati 21, Ohio. 1935.

WALTHER, CARL H., Professor of Civil Engineering, Assistant Dean of Engineering, George Washington University, Washington, D. C. 1942.

WALTON, JESSE S., Professor and Head, Dept. of Chemical Engineering, Oregon State College, Corvallis, Ore. 1945.

WAMPLER, ELLIS M., Instructor in Mechanic Arts, Compton College, Compton, Calif. 1948.

WANDMACHER, CORNELIUS, Professor and Head, Dept. of Civil Engineering, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1948–49.*) 1939.

WANER, N. S., Lecturer in Engineering Design, University of California, Berkeley, Calif.; Mech. Engr., U. S. Naval Radiological Defense Lab., San Francisco Naval Ship Yard, San Francisco, Calif. 1947.

WANG, CHI-TEH, Professor of Aeronautical Engineering, New York University, New York, N. Y. 1949.

WANG, CHU-KIA, Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1949.

WANLESS, RUPERT A., Professor and Chairman, Dept. of General Engineering, Oregon State College, Corvallis, Ore. 1945.

WANTLAND, JOHN L., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1949.

WARD, HENRY T., Professor and Head, Department of Chemical Engineering, Kansas State College, Manhattan, Kans. 1937.

WARD, JAMES W., Grad. Student, Civil and Sanitary Engrg., Massachusetts Institute of Technology, Cambridge 39, Mass. 1950.

WARD, JOSEPH E., JR., Associate Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1948.

WARD, JOSEPH S., Instructor in Civil Engineering, The Cooper Union, New York, N. Y. 1948.

WARD, LEON S., Professor and Head, Department of Chemistry, Colorado School of Mines, Golden, Colo. 1947.

WARD, ROBERT P., Professor of Electrical Engineering and Assistant to Dean of Engineering, A. & M. College of Texas, College Station, Texas. 1937.

WARD, SAMUEL, Professor Emeritus, Dept. of Mechanics and Materials, Fenn College, Cleveland 15, Ohio. (Home: R. R. No. 2, Box 164, Brooksville, Fla.) 1917.

WARDELL, ARTHUR, Associate Professor of Engineering Drawing, University of Toronto, Toronto, Canada. 1944.

WARE, L. A., Professor of Electrical Engineering, State University of Iowa, Iowa City, Iowa. 1939.

WAREING, JOHN F., Head, Electrical Department, New Bedford Vocational High School, New Bedford, Mass. 1939.

WARNEKE, MAYNARD J., Manager, Graduate Student Trng., Westinghouse Electric Corp., East Pittsburgh, Pa. 1946.

WARNER, CECIL F., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1945.

WARNER, CLYDE K., JR., Instructor in Civil Engineering, University of Louisville, Louisville, Ky. 1951.

WARNER, DOUGLAS F., Technical Recruiting Division, General Electric Co., Schenectady, N. Y. 1951.

WARNER, FRANK M., Professor of Engineering Drawing, University of Washington, Seattle, Wash. 1927.

WARNER, JOHN C., President, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1946.

WARNER, JOHN L., Assistant Professor in Electrical Engineering, Tufts College, Medford, Mass. 1948.

WARNOCK, WALTER G., Professor of Mathematics, Rensselaer Polytechnic Institute, Troy, N. Y. 1936.

WARREN, B. B., Personnel Director, American Cast Iron Pipe Co., Birmingham, Ala. 1947.

WARREN, CLAUDE E., Associate Professor of Electrical Engineering, The Ohio State University, Columbus 10, Ohio. 1946.

WARREN, S. REID, JR., Professor of Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia 4, Pa. 1943.

WARSCHAWSKI, STEFAN E., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis 14, Minn. 1945.

WASHA, GEORGE W., Associate Professor of Mechanics, University of Wisconsin, Madison, Wis. 1950.

WASIL, BENJAMIN A., Instructor in Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1951.

WASSERMAN, BERNARD, Instructor in Electrical Engineering, 89 Blake St., Hamilton, Ontrio, Canada. 1950.

WASSON, HAROLD P., Associate Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1943.

WATERS, ERNEST W., Exec. Asst., Transmission Development Dept., Bell Telephone Labs., New York, N. Y. 1944.

WATERS, EVERETT O., Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1914.

WATERS, JAMES S., Professor and Chairman of Electrical Engineering, Rice Institute, Houston 1, Texas. 1931.

WATERS, PHILIP G., Assistant Professor of Electrical Engineering, University of Houston, Houston, Texas. 1950.

WATKINS, FAIRFAX E., Associate Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1948.

WATKINS, REYNOLD K., Assistant Professor of Civil Engineering, Utah State Agricultural College, Logan, Utah. 1950.

WATROUS, EDGAR R., Instructor in Mathematics, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

WATSON, ARTHUR E., Emeritus Associate Professor of Electrical Engineering, Brown University, Providence, R. I. *Life member.* 1924.

WATSON, CHARLES C., Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1948.

WATSON, CLARENCE E., Chairman, Dept. of Industrial Relations, Northwestern University, Evanston, Ill. (*Assistant Secretary, 1951–.*) 1942.

WATSON, E. C., Dean of Faculty and Professor of Physics, California Institute of Technology, Pasadena 4, Calif. 1947.

WATSON, EARL W., Head, Electrical Dept., Spring Garden Institute, Philadelphia, Pa. 1951.

WATSON, GEORGE C., Instructor in Mathematics, North Carolina State College, Raleigh, N. C. 1947.

WATSON, HARRY D., Professor and Head, Dept. of Mechanical Engineering, University of Maine, Orono, Maine. 1926.

WATSON, HERBERT M., Radio Engineer, City of Richmond, Box 397, Station A, Richmond, Calif. 1943.

WATSON, KENNETH M., Professor of Chemical Engineering, Lake Zurich, Ill. 1943.

WATSON, WALTER S., Director of Admissions and Student Relations, Cooper Union, New York City. 1939.

WATSON, WARREN K., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

WATTS, CALVIN T., Associate Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1941.

WATTSON, ROBERT K., JR., Associate Professor of Mechanical Engineering, North Dakota Agricultural College, Fargo, N. D. 1948.

WAYMACH, REX W., Assistant Professor of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1945.

WAYNICK, ARTHUR H., Professor and Head of Electrical Engineering, Pennsylvania State College, State College, Pa. 1949.

WEAVER, ARTHUR S., Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1949.

WEAVER, CHARLES H., Assistant Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

WEAVER, ERNEST W., JR., Assistant Professor of Mechanical Engineering, University of Toledo, Toledo 6, Ohio. 1946.

WEAVER, FREDERIC N., Professor and Head, Dept. of Civil Engineering, Tufts College, Medford 55, Mass. 1924.

WEAVER, GEORGE W., Assistant Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1948.

WEAVER, ROBERT H., Director of Industrial Relations, The Falk Corporation, Milwaukee, Wis. 1949.

WEBB, ATHOL O., Assistant Professor of Engineering Drawing, University of Tennessee, Knoxville, Tenn. 1948.

WEBB, GEORGE N., Instructor in Electrical Engineering, North Carolina State College, Raleigh, N. C. 1948.

WEBB, LEWIS W., Director of College, William and Mary College, V.P.I., Norfolk, Va. 1946.

WEBB, ROBERT T., Assistant Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1948.

WEBBER, DOUGLAS H., Director of Aeronautical Engineering, Parks College of St. Louis University, East St. Louis, Ill. 1948.

WEBBER, HENRY A., Professor of Chemical Engineering, Iowa State College, Ames, Iowa. 1939.

WEBER, ANDREW R., Professor and Head, Dept. of Mechanical Engineering, University of Dayton, Dayton 9, Ohio. 1935.

WEBER, ERNST, Professor and Head, Dept. of Electrical Engineering, Director, Microwave Research Institute, Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1935.

WEBER, HOMER S., Professor and Director, School of Mechanical Engineering, Georgia, Institute of Technology, Atlanta, Ga. 1935.

WEBER, JAMES H., Instructor in Chemical Engineering, University of Nebraska, Lincoln, Nebr. 1948.

WEBER, JOHN C., Associate Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1945.

WEBER, LOUIS R., Professor and Head, Physics Dept., Colorado A. & M. College, Fort Collins, Colo. 1948.

WEBER, PAUL, Professor of Chemical Engineering, Director, Engineering Experiment Station, Georgia Institute of Technology, Atlanta, Ga. 1944.

WEBSTER, FRED N., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1941.

WEBSTER, HERBERT L., Instructor in Mathematics, South Dakota School of Mines, Rapid City, S. D. 1949.

WEBSTER, JAMES C., Teacher of Physics, Armstrong Technical High School, Washington 1, D. C. 1938.

WECKLER, HERMAN L., Vice President and General Manager, Chrysler Corporation, Detroit ,Mich. 1945.

WEDDING, PRESLEY A., Assistant Professor of Civil Engineering, University of Maryland, College Park, Md. 1949.

WEEBER, ROBERT E., Assistant Professor of Electrical Engineering, University of Toledo, Toledo, Ohio. 1950.

WEED, HERMAN R., Assistant Professor of Electrical Engineering, Ohio State University, Columbus, Ohio. 1949.

WEEDEN, HARMAR A., Assistant Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1941.

WEEMS, WILLIAM R., Technical Industrial Liaison Officer, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

WEGENER, MARY A., Associate Director of Placement, Columbia University, New York, N. Y. 1951.

WEHE, ROBERT L., Assistant Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1950.

WEHRLE, J. ALBERT, Dean of Engineering, University of Dayton, Dayton, Ohio. 1950

WEIBEL, EMIL E., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1936.

WEIDHAAS, ERNEST R., Instructor in Engineering Mechanics, New York University, New York, N. Y. 1951.

WEIDLEIN, EDWARD R., President, Mellon Institute, Pittsburgh, Pa. 1936.

WEIGEL, PAUL, Professor and Head, Dept. of Architecture, Kansas State College, Manhattan, Kans. 1945.

WEIKEL, RAYMOND C., Assistant Professor of Aeronautical Engineering, University of Washington, Seattle, Wash. 1950.

WEIL, JOSEPH, Dean, College of Engineering, University of Florida, Gainesville, Fla. (*Member of Council, 1942–46.*) 1923.

WEIL, ROBERT T., JR., Professor and Head, Dept. of Electrical Engineering, Manhattan College, New York, N. Y. 1936.

WEILAND, WALTER F., Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921.

WEIMER, FRANK C., Associate Professor of Electrical Engineering, Ohio State University, Columbus, Ohio. 1948.

WEIMER, MARY E., Instructor in English, Indiana Technical College, Fort Wayne, Ind. 1949.

WEINBERG, EDWIN B., Associate Professor and Coordinator of Applied Science, Sacramento State College, Sacramento 14, Calif. 1945.

WEINBERG, LESTER H., Stress Analyst, Structures Dept., Goodyear Aircraft Corp., Akron, Ohio. 1946.

WEINBERG, PHILIP, Instructor in Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1951.

WEINDLING, JOACHIM I., Lecturer in Mechanical Engineering, College of the City of New York, New York, N. Y. 1948.

WEINER, PHILLIP J., Instructor in Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

WEINERT, GLEN A., Instructor in Mechanical Engineering, Ohio University, Athens, Ohio. 1950.

WEISHAMPEL, JOHN A., Professor and Head, Dept. of Mechanical Engineering, Ohio Northern University, Ada, Ohio. 1943.

WEISS, JOSEPH R., Assistant Professor in Mechanical Engineering, College of the City of New York, New York City. 1940.

WEITER, ELMER J., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1951.

WELCH, ERNEST R., Professor and Head, Dept. of Electrical Engineering, Howard University, Washington, D. C. 1938.

WELCH, FREDERIC W., Assistant Professor of Civil Engineering, Retired, State College of Washington, Pullman, Wash. *Life member.* 1921.

WELCH, HERBERT E., Instructor and Head, Drafting Dept., Stockton College, Stockton, Calif. 1942.

WELLER, MONROE R., Instructor in Physics, Newark College of Engineering, Newark, N. J. 1949.

WELLINGTON, CHARLES B., Extension Lecturer in Mechanical Engineering, University of New Hampshire, Durham, N. H. 1951.

WELLMAN, BERNARD L., Professor of Mechanical Engineering and Head, Drawing Division, Worcester Polytechnic Institute, Worchester, Mass. (*Member of Council, 1951–53.*) 1937.

WELLMAN, EDWARD J., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

WELLS, A. EDWIN, Associate Professor of Engineering, Lowell Textile Institute, Melrose, Mass. 1943.

WELSH, MARCIA A., Instructor in Mathematics, Youngstown College, Youngstown, Ohio. 1948.

WENDT, KURT F., Professor of Mechanics, Associate Director, Engrg. Exp. Station, University of Wisconsin, Madison 6, Wis. 1927.

WENDT, ROBERT H., Vice President and General Manager, Globe Corporation, Aircraft Division, Lockport, Ill. 1951.

WENDT, WYLIE B., Professor of Civil Engineering, Speed Scientific School, University of Louisville, Louisville 8, Ky. 1908.

WENNER, ERNEST V., Assistant Professor and Head, Dept. of Engineering Drawing, University of North Dakota, Grand Forks, N. D. 1948.

WERNICK, NATHANIEL K., Associated Electronics Co., 132 Nassau Street, New York 7, N. Y. 1948.

WERTS, CLYDE, REV., Assistant Professor of Engineering, Loyola University, Los Angeles, Calif. 1947.

WERWATH, HEINZ M., Director of Admissions Milwaukee School of Engineering, Milwaukee, Wis. 1946.

WERWATH, HERBERT D., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

WERWATH, KARL O., President, Milwaukee School of Engineering, Milwaukee, Wis. 1938.

WESKE, JOHN R., Principal Research Scientist, School of Engineering, Johns Hopkins University, Baltimore, Md. 1937.

WESSMAN, HAROLD E., Dean of Engineering, University of Washington, Seattle, Wash. 1934.

WESTBROCK, ADRIAN J., Assistant Professor of Mechanical Engineering, University of Dayton, Dayton, Ohio. 1948.

WESTERMANN, FRED E., Instructor in Metallurgical Engineering, University of Cincinnati, Cincinnati, Ohio. 1948.

WESTON, EDWARD R., Associate Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

WETZEL, IRWIN T., Lecturer in Mechanical Engineering, Northwestern University, Evanston, Ill. 1942.

WEYSSER, JOHN L. G., Manager, Lightweight Aggregate Business, Lehigh Materials Co., Lansford, Pa. 1940.

WHEADON, WILLIAM C., Director, Institute of Industrial Research, Syracuse University, Syracuse, N. Y. 1949.

WHEATON, HERBERT H., Head, Department of Engineering, Fresno State College, Fresno, Calif. (*Member of Council, 1950–52.*) 1936.

WHEELER, RICHARD C. H., Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1947.

WHEELER, WALTER H., Engineer, Metropolitan Life Bldg., Minneapolis, Minn. 1948.

WHEELER, WILLIAM A., JR., Assistant Professor of Mechanical Engineering, Cordaville Rd., Southboro, Mass. 1950.

WHEELOCK, ERVIN E., Instructor in General Engineering, Purdue University, Lafayette, Ind. 1950.

WHELAN, DANIEL E., Lt. Commander, U. S. Coast Guard and Geodetic Survey, Los Angeles, Calif. 1949.

WHENMAN, JOHN H., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1930.

WHERRY, JOHN E., Assistant Professor of Engineering, New Mexico Institute of Mining and Technology, Socorro, N. M. 1949.

WHETSTONE, GEORGE A., Associate Professor of Civil Engineering, Texas Technological College, Lubbock, Texas. 1941.

WHIPPLE, CLYDE C., Professor and Chairman, Dept. of Electrical Engineering, Supervisor of Electric Power and Light, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1924.

WHISLER, BENJAMIN A., Head, Department of Civil Engineering, Pennsylvania State College, State College, Pa. 1939.

WHITAKER, MARTIN D., President, Lehigh University, Bethlehem, Pa. 1938.

WHITAKER, THOMAS N., Associate Professor of Electrical Engineering, University of Houston, Houston, Tex. 1949.

WHITCOMB, GORDON P. 1949.

WHITE, ALBERT E., Director, Engineering Research, University of Michigan, Ann Arbor, Mich. 1941.

WHITE, ALFRED H., Professor Emeritus of Chemical Engineering, University of Michigan, Ann Arbor, Mich. (*President, 1941–42; Member of Council, 1937–40, 1941–46.*) 1920.

WHITE, ARDIS H., Assistant Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1949.

WHITE, DAVID C., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1950.

WHITE, EDWARD L., Professor and Head, Dept. of Engineering, William and Mary—V.P.I., Norfolk, Va. 1946.

WHITE, FRANK D., Assistant Professor of Engineering Science, Wittenberg College, Springfield, Ohio. 1948.

WHITE, G. EDWIN, Professor and Chairman of Chemical Engineering, College of the City of New York, New York 31, N. Y. 1940.

WHITE, HAROLD V., Professor and Head, Dept. of Metallurgy, Virginia Polytechnic Institute, Blacksburg, Va. 1937.

WHITE, JOHN, Professor of Chemistry, Retired, Rose Polytechnic Institute, Terre Haute, Ind. 1929.

WHITE, JOHN R., Assistant Professor of Civil Engineering, College of the City of New York, New York, N. Y. 1939.

WHITE, KENDALL C., Associate Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1946.

WHITE, KENNETH H., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

WHITE, LEON V., Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1923.

WHITE, MARSH W., Professor of Physics, The Pennsylvania State College, State College, Pa. 1945.

WHITE, MERIT P., Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1950.

WHITE, MYRA, Librarian, Northeastern University, Boston 15, Mass. 1941.

WHITE, ROBERT E., Professor and Chairman, Chemical Engineering Dept., Villanova College, Villanova, Pa. 1948.

WHITE, ROBERT R., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1949.

WHITE, WILLIAM C., Director of Day Colleges, Northeastern University, Boston, Mass. (*Member of Council, 1944–49.*) 1926.

WHITEHEAD, EDWIN R., Director, Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

WHITEHEAD, HERBERT G., Assistant Professor of Engineering Drawing, New York University, New York, N. Y. 1948.

WHITFIELD, JAMES H., Instructor in Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1948.

WHITFIELD, JOHN K., Instructor in Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1949.

WHITFORD, DANIEL E., Associate Professor of Mathematics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1943.

WHITFORD, HAROLD C., Engineering Librarian, Cooper Union, New York City. 1948.

WHITFORD, ROBERT C., Dean, Division of General Studies, Pratt Institute, Brooklyn, N. Y. 1948.

WHITFORD, ROBERT H., Physics-Chemistry Librarian, College of the City of New York, New York 31, N. Y. 1942.

WHITNEY, GEORGE S., Head, Technical Dept., New York State Agricultural and Technical Institute, Alfred, N. Y. 1949.

WHITNEY, ROY P., Research Associate, The Institute of Paper Chemistry, Appleton, Wis. 1947.

WHITT, SIDNEY A., Professor and Head, Industrial Engineering, Montana State College, Bozeman, Mont. 1948.

WHITTEMORE, JOHN W., Professor and Head, Dept. of Ceramic Engineering, Associate Dean, Virginia Polytechnic Institute, Blacksburg, Va. 1937.

WHITTINGTON, HARRY K., Assistant Professor of Diesel Engineering, School of Technology, University of Houston, Houston, Texas. 1951.

WHITWELL, JOHN C., Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1936.

WICHMANN, ARTHUR P., Associate Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1947.

WICK, ROBERT S. 1948.

WICKHAM, ROBERT C., Assistant Professor of Engineering Drawing, Ohio University, Athens, Ohio. 1949.

WIDDOP, ROBERT, Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1932.

WIDENER, BURTON M., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

WIDMER, WILBUR J., Instructor in Civil Engineering, University of Connecticut, Storrs, Conn. 1948.

WIDNER, CHARLES K., Chief Engineer, Design and Construction Dept., Argonne Project, University of Chicago, Chicago, Ill. 1951.

WIEDENHOEFER, EDGAR P., Professor of Civil Engineering, Michigan College of M. & T., Houghton, Mich. 1944.

WIENER, WILLIAM K., Senior Instructor, Automotive Dept., School of Technology, University of Houston, Houston, Texas. 1951.

WIESENFELD, JOEL, Assistant Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1948.

WIEWALL, MIGUEL, Dean of College of Science, University of Puerto Rico, Mayaguez, P. R. 1947.

WIGHT, CHARLES L., Instructor in Mechanical Engineering, Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

WIGHT, JOHN W., Gen. Mgr., Technical Writing Service, McGraw-Hill Book Co., 330 W. 42nd St., New York 18, N. Y. 1946.

WILBUR, JOHN B., Professor and Head, Dept. of Civil and Sanitary Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (*Member of Council, 1948–50.*) 1934.

WILBUR, LESLIE C., Instructor in Mechanical Engineering, Duke University, Durham, N. C. 1950.

WILBUR, RALPH S., Chairman, Dept. of Mechanical Engineering, Duke University, Durham, N. C. 1933.

WILCOX, DONALD B., Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1937.

WILCOX, ELGIN R., Professor and Executive Officer, Dept. of General Engineering, University of Washington, Seattle 5, Wash. (*Member of Council, 1933–36.*) 1925.

WILCOX, JAMES E., Head, Dept. of Engineering, Santa Rosa Junior College, Santa Rosa, Calif. 1934.

WILD, JOHN M., Director of Engrg., ARO, Inc., St. Louis 1, Mo. 1946.

WILDER, ROBERT A., Head, Dept. of Drawing, Wentworth Institute, Boston, Mass. 1948.

WILDES, KARL L., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1926.

WILE, HOWARD P., Administrator of Research, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

WILEY, CARROLL C., Professor of Highway Engineering, University of Illinois, Urbana, Ill. 1936.

WILEY, J. BRUCE, Associate Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1948.

WILEY, RALPH B., Head, School of Civil Engineering and Engineering Mechanics, Purdue University, Lafayette, Ind. (*Member of Council, 1938–41.*) 1920.

WILEY, W. O., Publisher of Scientific Books, Chairman of the Board, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. (*Treasurer, 1907–42.*) *Honorary member.* 1904.

WILEY, WILLIAM B., Vice President and Secretary, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. 1937.

WILHELM, ERNEST J., Associate Professor of Chemical Engineering, University of Notre Dame, Notre Dame, Ind. 1939.

WILHELM, RICHARD H., Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1936.

WILKE, HARVEY R., Associate Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1950.

WILKERSON, ROBERT T., Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

WILKES, JOSEPH W., Instructor in Industrial Engineering, Washington University, St. Louis 5, Mo.

WILKINS, RONALD E., Registrar, Association of Professional Engineers, Province of British Columbia, Vancouver, B. C. 1950.

WILKINSON, FORD L., JR., President, Rose Polytechnic Institute, Terre Haute, Ind. (*Member of Council, 1943–46.*) 1936.

WILKINSON, ROGER I., Member Technical Staff, Bell Telephone Labs., 463 West St., New York City. 1936.

WILLARD, JOHN A., Partner, Bigelow, Kent, Willard & Co., Consulting Engineers, 75 Federal St., Boston 10, Mass. 1945.

WILLARD, JOHN W., Assistant Professor of Chemistry, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

WILLARD, W. WAYNE, Instructor in Physics-Chemistry. 1948.

WILLEY, EARL C., Professor of General Engineering, Oregon State College, Corvallis, Ore. 1929.

WILLIAMS, BERT B., Associate Professor of Civil Engineering, The Citadel, Charleston, S. C. 1939.

WILLIAMS, CHARLES K., Radio Mechanic, Scott Air Base, Belleville, Ill. 1950.

WILLIAMS, CHARLES W., Coordinator of Research, Case Institute of Technology, Cleveland, Ohio. 1948.

WILLIAMS, CLINTON E., Associate Professor of Civil Engineering, Union College, Schenectady, N. Y. 1948.

WILLIAMS, DAVID G., Assistant Professor of Engineering, University of Houston, Houston, Texas. 1949.

WILLIAMS, DOUGLAS C., Associate Professor of Industrial Engineering, Ohio State University, Columbus, Ohio. 1949.

WILLIAMS, EDWARD L., Vice Director, Industrial Extension Service, Texas A. & M. College, College Station, Texas. 1948.

WILLIAMS, EVERARD M., Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1939.

WILLIAMS, FLOYD L., Associate Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas. 1947.

WILLIAMS, FRANK H. M., Professor of Mathematics, Drexel Institute of Technology, Philadelphia, Pa. 1937.

WILLIAMS, G. BRYMER, Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

WILLIAMS, GORDON C., Professor and Head, Dept. of Chemical Engineering, University of Louisville, Louisville 8, Ky. 1936.

WILLIAM, HARRY A., Professor of Civil Engineering, Stanford University, Stanford, Calif. 1947.

WILLIAMS, HERBERT G., Head, English Dept., Lawrence Institute of Technology, Detroit, Mich. 1950.

WILLIAMS, HERMAN B., Associate Research Engineer, Mechanical Engineering Dept., Engineering and Industrial Research Station, University of Florida, Gainesville, Fla. 1948.

WILLIAMS, H. PAGE, Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1937.

WILLIAMS, JACK A., Civil Engineer, 1695 Parkline Drive, Apt. 22, Pittsburgh 27, Pa. 1950.

WILLIAMS, JAMES W., Assistant Professor of Civil Engineering, Duke University, Durham, N. C. 1951.

WILLIAMS, LA VERGNE E., Associate Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1942.

WILLIAMS, MARVIN O., Instructor in Aeronautical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1943.

WILLIAMS, PAUL E., Personnel Consultant, Santa Rosa, Calif. 1948.

WILLIAMS, REX Z., Assistant Dean, Professor of Mechanics, Missouri School of Mines, Rolla, Mo. (*Member of Council, 1949–51.*) 1944.

WILLIAMS, ROBERT J., Methods Study Engineer, Boeing Airplane Co., Seattle 22, Wash. 1949.

WILLIAMS, ROBERT S., Professor Emeritus of Metallurgy, Massachusetts Institute of Technology, Cambridge 39, Mass. 1943.

WILLIAMS, SAMUEL C., Associate Professor of Economics, Stevens Institute, Hoboken, N. J. 1949.

WILLIAMSON, HAROLD A., Assistant Professor, General Studies, Purdue University, Hammond, Ind. 1947.

WILLIAMSON, JAMES, Associate Professor of Industrial Management, University of New Hampshire, Durham, N. H. 1949.

WILLIAMSON, JAMES H., Coordinator, Engineering Department, University of Tennessee, Knoxville, Tenn. 1942.

WILLIFORD, HOWARD K., Assistant Professor of Civil Engineering, Mississippi State College, State College, Miss. 1951.

WILLIG, WALTER L., Professor and Chairman of Civil Engineering, College of the City of New York, New York 31, N. Y. 1937.

WILLIGES, JOHN A., Partner, Hamilton & Williges, Oakland 12, Calif. 1943.

WILLIS, BEN S., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1929.

WILLIS, CLODIUS H., Professor and Chairman of Electrical Engineering, Princeton University, Princeton, N. J. (*Member of Council, 1933–36.*) 1936.

WILLIS, HAROLD W., Associate Professor of Physics, Evansville College, Evansville, Ind. *On leave U. S. M. C. R.* 1950.

WILLIS, MERTON J., Assistant Professor of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1949.

Willis, Philip A., Engineering Examiner, U. S. Civil Service Commission, Washington, D. C. 1929.

Williston, Arthur L., Principal, Retired, Wentworth Institute, Boston, Mass. (Home: 986 High Street, Dedham, Mass.) (*Vice President, 1909–10; Secretary, 1907–09; Member of Council, 1900–03, 1905–08.*) 1897.

Willson, William H., Director of Ref. and Air. Cond., School of Technology, University of Houston, Houston, Texas. 1951.

Wilson, Claude L., Dean of Engineering, Prairie View University, Prairie View, Texas. 1946.

Wilson, Curtis L., Dean, Missouri School of Mines and Metallurgy, Rolla, Mo. 1941.

Wilson, David M., Professor and Head, Dept. of Civil Engineering, University of Southern California, Los Angeles 43, Calif. 1929.

Wilson, Donald G., Professor of Electrical Engineering, University of Kansas, Lawrence, Kans. (*Member of Council, 1951–53.*) 1948.

Wilson, Earl R., Associate Professor of Mechanical Engineering, University of Akron, Akron, Ohio. 1930.

Wilson, Ernest D., Head, Dept. of Chemical Engineering and Chemistry, Worcester Polytechnic Institute, Worcester, Mass. 1940.

Wilson, Francis H., Circulation Librarian, Purdue University, Lafayette, Ind. 1948.

Wilson, Francis W., President, Wilson Engineering Corp., College House Office, Harvard Squire, Cambridge, Mass. 1931.

Wilson, Frank E., Professor of Architecture, The Ohio State University, Columbus 10, Ohio. 1948.

Wilson, George C., Instructor in Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1949.

Wilson, Grace, Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1950.

Wilson, Henry C., Head of Radio Dept., School of Technology, University of Houston, Houston, Tex. 1951.

Wilson, Henry D., General Employment Manager, Personnel Department, Bell Telephone Laboratories, Inc., New York, N. Y. 1950.

Wilson, John W., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1935.

Wilson, Leroy A., Professor of Mechanical Engineering, University of Wisconsin, Madison 5, Wis. 1923.

Wilson, Levi T., 421 N. Pelham Rd., Jacksonville, Ala. 1950.

Wilson, Lloyd H., Assistant Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1951.

Wilson, Robert E. 1949.

Wilson, Thomas H., Associate Professor of Chemical Engineering, University of South Carolina, Columbia, S. C. 1950.

Wilson, Warren E., President, South Dakota School of Mines and Technology, Rapid City, S. D. 1936.

Wilson, William A., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

Wilson, William H., Instructor in Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. 1950.

Wilson, William S., Acting Director of Geophysical Institute and Professor and Head of Chemistry Dept., University of Alaska, College, Alaska. 1948.

Wiltse, Stanley B., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

Winding, Chas. C., Assistant Director, School of Chemistry and Metallurgical Engineering, Cornell University, Ithaca, N. Y. 1939.

Winfrey, Robley, Professor of Civil Engineering, Research Professor, Engineering Experiment Station, Iowa State College, Ames, Iowa. 1940.

Wing, Alexander H., Jr., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1935.

Wing, Lawrence A., Instructor in Geology, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

Wingren, Roy M., Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1928.

Winkler, Edwin W., Associate Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1930.

Winkler, Seymour H. 1950.

Winn, Alden L., Associate Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1948.

Winn, Clarence C., Dean of Engineering, Detroit Institute of Technology, Detroit 26, Mich. 1935.

Winne, Harry A., Vice President, Engineering Policy, General Electric Co., Schenectady 5, N. Y. 1945.

Winsbro, William R., Assistant Professor of Chemical Engineering, University of Virginia, Charlottesville, Va. 1951.

Winslow, Seth L., Professional Industrial Engineer and Partner, A. T. Kearney & Co., Chicago, Ill. 1949.

Winsor, Arthur N., Assistant Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1949.

Winsor, Lauriston P., Associate Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

Winston, Stanton E., Dean, Evening Division, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1951–53.*) 1928.

Winter, Frederick C., Assistant Professor of Industrial Engineering, Columbia University, New York, N. Y. 1950.

Winterkorn, Hans F., Associate Professor of Civil Engineering, Princeton University, Princeton, N. J. 1951.

Winton, L. S., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1948.

Wischmeyer, Carl, Vice President and Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929.

Wischmeyer, Carl R., Associate Professor of Electrical Engineering, Rice Institute, Houston, Texas. 1939.

Wischnia, Herbert F., Research Engineer, Development Dept., Askania Regulator Co., Chicago 15, Ill. 1948.

Wise, Edwin M., Manager, Apparatus Dept., General Electric Co., Houston 1, Texas. 1947.

Wiseman, Eugene R., Associate Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1940.

Wiseman, James H., Jr., Instructor in Civil Engineering, University of Arkansas, Fayetteville, Ark. 1949.

Wiseman, Robert S., Assistant Professor of Electrical Engineering, Mississippi State College, State College, Miss. (On leave: University of Illinois, Urbana, Ill.) 1949.

Wiskocil, Clement T., Professor of Civil Engineering, University of California, Berkeley 4, Calif. 1939.

Wislicenus, George F., Professor and Head, Mechanical Engineering Dept., The Johns Hopkins University, Baltimore, Md. 1951.

Withey, Morton O., Dean, College of Engineering, University of Wisconsin, Madison 5, Wis. 1910.

Withrow, James R., Chairman, Retired, Dept. of Chemical Engineering, The Ohio State University, Columbus 10, Ohio. *Life Member.* 1907.

WITTIG, CARL O. G., Professor and Head, Mechanical Engineering Dept., University of Louisville, Louisville, Ky. 1949.

WITTIG, FREDERICK E., Associate Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1941.

WITZELL, OTTO W., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1948.

WLADAVER, IRWIN, Assistant Professor of Engineering Drawing, New York University, New York 53, N. Y. 1943.

WOHLENBERG, WALTER J., Dean, School of Engineering, Yale University, New Haven, Conn. 1917.

WOHLFORD, JAMES G., Instructor and Director, Cooperative Courses, Georgia Institute of Technology, Atlanta, Ga. 1948.

WOLF, EDWARD G., Project Engineer, Standards Lab., Sperry Gyroscope Co., Great Neck, L. I., N. Y. 1947.

WOLF, HAROLD, Chairman and Professor of Electrical Engineering, College of the City of New York, New York 31, N. Y. 1942.

WOLF, ROBERT L. 1946.

WOLMAN, ABEL, Professor of Sanitary Engineering, The Johns Hopkins University, Baltimore 18, Md. 1940.

WOLPERT, NATHAN N., Associate Editor, The Industrial Press, 148 Lafayette St., New York, N. Y. 1948.

WOLSLEGEL, RAYMOND W., Coordinator of Engineering Education, International Business Machines Corp., Box 390, Poughkeepsie, N. Y. 1946.

WOMACK, CHARLES C., Industrial Engineer, United States Steel Corp., Youngstown, Ohio. 1948.

WOMOCHEL, HOWARD L., Associate Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1950.

WOOD, ARTHUR B., Professor of Engineering Drawing, University of Tennessee, Knoxville, Tenn. 1938.

WOOD, CECIL H., Lt. Colonel and Associate Professor of Physics and Chemistry, U. S. Military Academy, West Point, N. Y. 1948.

WOOD, CLEMMER R., Director of Engineering Student Personnel, Oklahoma A. & M. College, Stillwater, Okla. 1949.

WOOD, EDGAR H., Professor of Mechanics of Engineering, Emeritus, Cornell University, Ithaca, N. Y. *Life member.* 1910.

WOOD, ELLA L., Professor of History and Geography, Michigan College of M. & T., Houghton, Mich. 1935.

WOOD, FRANCIS P., Instructor in Electrical Engineering, Seattle University, Seattle 22, Wash. 1941.

WOOD, HENRY A., Supervisor of Dynamic Analysis, Engineering Dept., Chance Vought Aircraft, Dallas 1, Texas. 1940.

WOOD, HORACE W., Professor of Civil Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1946–47.*) 1931.

WOOD, J. ALBERT, JR., Professor of Electrical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1938.

WOOD, JOE N., Professor of Machine Design, Kansas State College, Manhattan, Kans. 1938.

WOOD, KARL D., Professor, Dept. of Aeronautical Engineering, University of Colorado, Boulder, Colo. 1941.

WOOD, NEAL E., Instructor in Civil Engineering, University of Utah, Salt Lake City, Utah. 1948.

WOOD, WILLIAM E., Assistant Professor of Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1949.

WOOD, WILLIAM P., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

WOODBURN, JAMES G., Professor & Chairman of Civil Engineering, University of Wisconsin, Madison 5, Wis. 1936.

WOODBURY, JAMES N., Assistant Professor of Industrial Relations, Northwestern University, Evanston, Ill. 1947.

WOODBURY, MARY A., Librarian, Milwaukee School of Engineering, Milwaukee, Wis. 1947.

WOODHULL, JOHN H., Assistant Professor of Industrial Engineering, University of Buffalo, Buffalo, N. Y. 1946.

WOODRUFF, OWEN J., JR., Engineer, Westinghouse Electric Corp., Atomic Power Division, Pittsburgh 30, Pa. 1947.

WOODS, BALDWIN M., Director of University Extension, Professor of Mechanical Engineering, University of California, Berkeley, Calif. (*Member of Council, 1939–42; Second Vice President, 1942–43.*) 1930.

WOODS, KENNETH B., Professor of Highway Engineering, Purdue University, Lafayette, Ind. 1943.

WOODWARD, SHERMAN M., Consulting Planning Engineer, T.V.A., Knoxville, Tenn. (*Member of Council, 1913–16, 1926–29.*) 1910.

WOODY, O. GRIFFITH, Associate Professor of Architectural Engineering, University of Wyoming, Laramie, Wyo. 1946.

WOOLEY, JOHN C., Professor of Agricultural Engineering, University of Missouri, Columbia, Mo. 1928.

WOOLFORD, MURRILL K., Head, Department of English, and Director of Testing and Guidance, Lawrence Institute of Technology, Detroit 3, Mich. 1947.

WOOLRICH, WILLIS R., Dean of Engineering, Director, Bureau of Engineering Research, University of Texas, Austin 12, Texas. (*Member of Council, 1943–48.*) 1935.

WORK, CLYDE E., Instructor in Theo. and Applied Mechanics, University of Illinois, Urbana, Ill. 1950.

WORK, HAROLD K., Director of Research Division, College of Engineering, New York University, New York 53, N. Y. 1949.

WORK, LINCOLN T., Consultant, 420 Lexington Ave., New York 17, N. Y. 1923.

WORLEY, WILL J., Assistant Professor of T. & A. Mechanics, University of Illinois, Urbana, Ill. 1945.

WORRELL, DONALD T., Associate Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1944.

WORSENCROFT, ROBERT R., Assistant Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1939.

WORSHAM, JAMES E., Instructor in Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1948.

WORTHINGTON, CHARLES G., Secretary-Treasurer, Industrial Research Institute, 60 East 42nd St., New York, N. Y. 1942.

WORTMAN, ROBERT P., Instructor in Engineering Drawing, U.S.A.F. Institute of Technology; 1317 Harvard Blvd., Dayton, Ohio. 1949.

WRAY, ROBERT C., Professor & Head of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1934.

WRIGHT, AUSTIN, Professor and Head, Dept. of English, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1943.

WRIGHT, CHILTON A., Professor of Hydraulic and Sanitary Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1938.

WRIGHT, DANIEL K., JR., Associate Professor of Machine Design, Case Institute of Technology, Cleveland 6, Ohio. 1945.

WRIGHT, EDWIN C., Head, Metallurgical Engineering Dept., University of Alabama, University, Ala. 1949.

WRIGHT, HAROLD E., Instructor in Mechanical Engineering, University of Dayton, Dayton, Ohio. 1950.

Wright, Harold M., Associate Professor of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1937.

Wright, John S., Instructor in Civil Engineering, Lafayette College, Easton, Pa. (In Service: Cdr., CEC, USNR, Design Division, 12 N. D. Public Works Office, Federal Office Bldg., San Francisco, Calif.) 1949.

Wright, Otis L., Staff, Engineering Department, Sandia Laboratory, 3163 44th Place, Sandia Branch P. O., Albuquerque, N. M. 1943.

Wright, Paul W., Technical Advisor, Dept. of Advanced Courses, U. S. Air Force Technical School, Belleville, Ill. 1950.

Wright, Ralph R., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1943.

Wright, Samuel R., Professor and Head, Dept. of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1946.

Wright, Thomas A., Instructor in Engineering Extension Dept., Pennsylvania State College, State College, Pa. 1951.

Wright, William F., Instructor in Engineering Drawing, Ohio State University, Columbus, Ohio. 1950.

Wright, William F., Assistant Professor of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1950.

Wright, William J. T., Professor and Head of Engineering Drawing, University of Toronto, Toronto, Canada. 1943.

Wulf, Hurst E. J., Associate Professor of Mathematics, Lawrence Institute of Technology, Highland Park, Mich. 1948.

Wyant, Robert A., Associate Professor of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

Wyatt, Edwin M., Instructor in Engineering Drawing, Rice Institute, Houston, Texas. 1947.

Wykes, Stanley A., Associate Professor of Management Engineering, A. & M. College of Texas, College Station, Texas. 1944.

Wykoff, George S., Professor of English, Purdue University, Lafayette, Ind. 1946.

Wylie, Clarence R., Professor and Chairman, Dept. of Mathematics, University of Utah, Salt Lake City, Utah. 1946.

Wyly, Lawrence T., Professor and Chairman, Dept. of Structural Engineering, Purdue University, Lafayette, Ind. 1943.

Wyman, George H., Lecturer in Civil Engineering, University of Southern California, Los Angeles, Calif. 1948.

Yadoff, Oleg, Research Associate, Engineering, Columbia University, New York, N. Y. 1950.

Yamauchi, Thomas T., Instructor in Electrical Engineering, University of Detroit, Detroit, Mich. 1950.

Yampolsky, Jack, Instructor in Mechanical Engineering. 1949

Yang, Tsute, Assistant Professor of Electrical Engineering, University of Toledo, Toledo, Ohio. 1950.

Yang, Yih-Chang, Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1951.

Yanosik, George A., Associate Professor of Mathematics, New York University, New York, N. Y. 1938.

Yarrington, Paul T., Instructor in Engineering Drawing, Ohio State University, Columbus, Ohio. 1950.

Yates, Campbell C., Associate Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1950.

Yates, Edwin, L., Director of College and University Relations, General Motors Corporation, Detroit 2, Mich. 1950.

York, Guy A., Assistant Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1949.

York, Jesse L., Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

York, Verno O., Associate Professor of Electrical Engineering, Michigan College of M. & T., Houghton, Mich. 1944.

Young, Almon P., Professor and Head, Dept. of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1935.

Young, Arthur L., Associate Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1947.

Young, C. Higbie, Professor & Head, Dept. of Machine Design, Cooper Union, New York 3, N. Y. 1933.

Young, Clarence R., Dean Emeritus, Faculty of Applied Science and Engineering, University of Toronto, Toronto, Ont., Canada. (Home: 72 Roxborough Drive, Toronto, Ont., Canada.) 1914.

Young, Dana, Professor of Applied Mechanics, University of Minnesota, Minneapolis, Minn. 1936.

Young, Donovan H., Professor of Mechanics, Stanford University, Stanford University, Calif. 1943.

Young, Earl R., Associate Professor of Agricultural Engineering, University of Kentucky, Lexington, Ky. 1946.

Young, Edward, Associate Professor of Geodesy and Surveying, University of Michigan, Ann Arbor, Mich. 1941.

Young, Edwin H., Instructor in Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1946.

Young, Herbert R., Associate Professor of English, Case Institute of Technology, Cleveland, Ohio. 1937.

Young, John R. W., Acting Head, Department of Agricultural Engineering, University of British Columbia, Vancouver, B. C., Canada. 1946.

Young, Lewis E., Consulting Mining Engineer, 2138 Oliver Bldg., Pittsburgh 22, Pa. 1948.

Young, Lyle E., Instructor in Drawing, University of Minnesota, Minneapolis, Minn. 1949.

Young, Milton G., Acting Dean and Professor and Chairman, Dept. of Electrical Engineering, University of Delaware, Newark, Del. 1940.

Young, R. Keith. 1948.

Young, Reagan H., Associate Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1947.

Young, Richard W., Instructor in Electrical Engineering, Catholic University of America, Washington, D. C. 1951.

Young, Robert L., Instructor in Mechanical Engineering, Northwestern University, Evanston, Ill. 1948.

Young, Vincent W., Research Engineer, North American Aviation, Inc., Downey, Calif. 1940.

Young, William M., Army Representative, Air Navigation Development Board, CAA–W–5, Rm. 1416 Bldg., T–4, 17th and Constitution Ave., Washington 25, D. C. 1935.

Younger, John E., Professor and Head, Dept. of Mechanical and Aeronautical Engineering, University of Maryland, College Park, Md. 1925.

Yund, Howard D., Principal Instructor, Radio Mechanics, U. S. Air Force Technical School, Belleville, Ill. 1950.

Yuster, S. T., Professor of Engineering, University of California, Los Angeles, Calif. 1950.

Zacher, Clarence H., Instructor in General Engineering, Purdue University, Lafayette, Ind. 1951.

Zanotti, George J., Instructor of G. E. D. and T. E. A. M., University of Illinois, Navy Pier Branch, Chicago, Ill. 1948.

ZANT, JAMES H., Professor and Assistant Head, Department of Mathematics, Oklahoma A. & M. College, Stillwater, Okla. (*Member of Council, 1946–49.*) 1947.

ZAREM, ABE M., Director, Los Angeles Division, and Chairman, Physics Research, Stanford Research Institute, Los Angeles, Calif. 1944.

ZARET, MATTHEW E., Assistant Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1948.

ZAROBSKY, IVAN F., Professor & Head of Mechanical Engineering, University of the City of Toledo, Toledo, Ohio. 1928.

ZEIGLER, KENNETH I., Associate Editor, Engineering Books, McGraw-Hill Book Co., 330 W. 42nd St., New York 18, N. Y. 1948.

ZELDIN, SAMUEL D., Associate Professor of Mathematics, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

ZELIOS, DEMETRIUS, Instructor in Manufacturing Processes, Pratt Institute, Brooklyn, N. Y. (Home: 235 Westwood Ave., Staten Island 14, N. Y.) 1948.

ZELLER, JOSEPH W., Head, Department of Mechanical Engineering, Northeastern University, Boston, Mass. 1926.

ZELLMER, ERNEST J. 1947.

ZENGEL, JOHN F. P., Captain, USAF, Pearl River, N. Y. 1948.

ZERBAN, ALEXANDER H., Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1950.

ZERBY, ALTON B., Executive Secretary, Eta Kappa Nu Association, P. O. Drawer C, Dillsburg, Pa. 1947.

ZERN, REBER T., Associate Professor of Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

ZIMMERMAN, OSWALD T., Professor & Head of Chemical Engineering, University of New Hampshire, Durham, N. H. 1935.

ZIMMERMAN, RICHARD H., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1947.

ZIMMERMAN, STANLEY W., Professor of Electrical Engineering, Research Lab., Cornell University, Ithaca, N. Y. 1946.

ZIMNEY, CHARLES M., Senior Research Engineer, Jet Propulsion Lab., California Institute of Technology, Pasadena, Calif. 1949.

ZIMPFER, WALTER H., Assistant Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1951.

ZINK, FRANK J., Agricultural Engineer, 141 W. Jackson Blvd., Chicago 4, Ill. 1948.

ZIZICAS, GEORGE A., Junior Engineer, Engineering Research, University of California, Los Angeles 24, Calif. 1950.

ZMESKAL, OTTO, Professor and Director, Dept. of Metallurgical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

ZMOLA, PAUL C., Oak Ridge National Laboratory, P. O. Box P, Oak Ridge, Tenn. 1946.

ZOLLER, J. HAROLD, Assistant Professor of Civil Engineering, University of Wyoming, Laramie, Wyoming. 1951.

ZOZZORA, FRANK, Associate Professor of General Engineering, University of Delaware, Newark, Del. 1942.

ZSUFFA, LESLIE F., Director of Public Relations, Georgia Institute of Technology, Atlanta, Ga. (On leave: Lt. Col., Research and Development Branch, Office of Quartermaster General, Washington 25, D. C.) 1946.

ZUCROW, MAURICE J., Professor of Gas Turbine and Jet Propulsion, Purdue University, Lafayette, Ind. 1948.

ZUMSTEIN, ROBERT H., Assistant Professor of Civil Engineering, Wayne University, Detroit, Mich. 1950.

ZUR BURG, FREDERICK W., Professor and Head, Dept. of Chemical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1943.

ZWEIG, FELIX, Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1943.

ZWENG, CHARLES A., Director of Training, Pan-American Navigation Service, 12021 Ventura Blvd., North Hollywood, Calif. 1948.

ZWIEP, DONALD N., Assistant Professor of Mechanical Engineering, Colorado A. & M. College, Fort Collins, Colo. 1951.

ZWOYER, EUGENE M., Instructor in Civil Engineering, University of New Mexico, Albuquerque, N. M. 1949.

Total Individual Members 6940

ADDRESSES UNKNOWN

ACTON, S. M.
ANSELMINI, L.
ANTZES, H. L.
AUPPERLE, G. L.
BEACH, R. K.
BECKMAN, F. S.
BERNSTEIN, A. L.
BOKENKAMP, H. J.
BOLT, C. D.
BROCK, J. E.
BROOKING, W. J.
CARVER, L. A.
DEERE, D. U.
DONNELL, L. H.
DORNEY, E. E.
FITZPATRICK, D. B.
FLODIN, J.
FLYNN, W. W.
FOXWELL, W. H.
FRAYNE, J. G.
FROOMKIN, N. G.
GARFINK, M. O.
GEISSLER, H. H.
GUILLARD, E.
HANCOCK, G. W.
HANRAHAN, G.
HATHAWAY, S. D.
HAUSMAN, E. L.
HEITZMAN, E. M.
HERNDON, L. K.
HERRINGTON, J. D.
HILBRICH, A. P.
HINRICHS, R. H.
HOLLADAY, D. M.
HOTCHKISS, W. O.
HUBBARD, E. C.
INIGO, M. A. L.
JEMISON, W. F.
JOHNSON, J. H.
JONES, W. H.
JONES, W. R.
KIELY, T. M.
KING, W. B.
KINNEY, R. C.
KLAS, R. C.
KLEMME, C. C.
LAIS, L.
LANTOW, J. W.
LIN, A. D.
MALLON, A. H.
MARTIN, G. H.
MARTINEZ, J. E.
MATHAUSER, E. E.
MCDONALD, A. P.
MCKENZIE, O. D.
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Baltimore

Cooper, A. H., *Mgr.,Res.E.*, Davison Chemical Corp.
Derwin, J. V., 1611 DuKeland St.
Fotis, C. W., Air Res. & Dev. Com.
Gloyna, E. F., 3706 N. Chestnut St., Apt. U-3

Glenn L. Martin Co.
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Tilghman, H., *Counselor-at-Law*, P. O. Box 707

Rockville

Hall, W. A., 5932 LeMay Rd.

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Melvin, E. A., *Res.Engr.*, Frederick Res. Corp.
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Takoma Park

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Korobkin, I., *Res.Engr.*
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Brown, R. E., 79 Centre Ave.

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Reza, F., 152 Crosby St.

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Johnson, D. E., 53 Alpine St.
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Wing, L. A., *Geol.*
Zeldin, S. D., *Assoc.P.Math.*

Dedham

Williston, A. L., *Em.Dir.*, 986 High St.

Dorchester

Russell, D. A., *Tutor*

Fort Devens

University of Massachusetts

O'Rourke, R. W., *Assoc.P.E.*

Gloucester

Schlenk, W. F., 138 Eastern Ave.

Lowell

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Quincy

Kiley, M. M., 33 Aldrick Rd.

Southboro

Wheeler, W. A., Cordaville Rd.

Stoneham

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Waltham

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Cook, A. L., 14 Ashland St.

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Hennes, R. G., 3610 Devonshire Rd.
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Loebl, R. A., 9530 Brace Ave.
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Paton, C. R., *Cons.Eng.*
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Selvidge H., Bendix Aviation Corp.

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Montclair

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Morristown

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Early, J. M., 114 Franklin St.

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Tanger, G. E., *Inst.E.*
Tompkins, F. N., *P.E.E.*
Watson, A. E., *Em.P.E.E.*

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Charleston

Hartman, W. T., 20 Elliott St.

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Trively, I. A., *P.C.E.*

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Sumwalt, R. L., *Dean*
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Taylor, C. D., Caroline Terrace Apts.

Spartanburg

Patten, W. E., Soil Cons. Serv., U. S. Dept. of Agric.

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Parry, S. R., *Asst.Gen.Mgr.*, Combustion Engr. Superheater, Inc.

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Merrill, R. A., *Assoc.P.E.*

Cookeville

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Prescott, W. S., *Asst.P.C.E.*

Jackson

Union University

Adams, C. L., *Assoc.P.Phys.*

Kingsport

Tennessee Eastman Corp.

Gift, W. E.

Knoxville

Woodward, S. M., *Cons.Plan.Eng.*

University of Tennessee

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Manchester

Ramsey, R. D., *Civ.Engr.*, Corps of Engrs.

Martin

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Hinebaugh, M. E., *Inst.E.E.*
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Taylor, W. C., Jr., *Asst.P.Engrg.&Math.*

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Vanderbilt University

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Wright, W. F., *Asst.P.M.E.*

Oak Ridge

Claiborne, H. C., 182 Hillside Rd.
Kroeger, H. R., Fairchild Engine & Airplane Co.
Reber, K. W., 124 Placer Lane
Stevens, J. J.

Carbon & Carbide Ch. Corp.

Montillon, G. H., *E.Des.Dev.*
Shipley, E. D., *Res.Dir.*

Oak Ridge Institute of Nuclear Studies

Hamilton, D. C., *Sr.Engr.*
Lansing, N. F., *Physicist*, Res. Dir. Dept.
Poor, R. S., *Chmn.,Univ.Rel.Div.*
Stephenson, R., *Sr.DesignEngr.*
Zmola, P. C.

TEXAS

Amarillo

Cushing, R. F., *Ed.Spec.*, Air Force Base

Amarillo College

DeVaney, A. F., *Assoc.P.Eng.*

Arlington

Arlington State College

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Austin

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St. Edward's University

Curran, Bro. H., *Inst.E.*

University of Texas

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Van Winkle, M., *P.&Chr.Ch.E.*
Walter, J. A., *Asst.P.Engl.*
Woolrich, W. R., *Dean*

Baytown

Van Berg, C. F., Box 3686

Beaumont

Lamar State College of Technology

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Tims, G. B., *P.&Hd.I.E.*
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Mayo, S. J., 3616 Normandy
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Wood, H. A., *Supv.*, Chance-Vought Aircraft

Southern Methodist University

Bartel, H. H., *Inst.C.E.*
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Smith, H. J., *Asst.P.E.E.*
Tatum, F. W., *P.&Hd.E.E.*
Thompson, S., *P.C.E.*

Daingerfield

Arnold, J. E., *Mgr.Ord.Lab.*, Cons. Vultee Air Corp.

El Paso

Texas Western College

Coleman, R. M., *Assoc.P.Eng.*
Decker, F. A., *P.&H.E.E.*
Guldeman, E. J., *Assoc.P.C.E.*
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Fort Worth

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O'Fiel, C. G., C.A.A.

Hico

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Houston

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Wischmeyer, C. R., *Assoc.P.E.E.*
Wyatt, E. M., *Inst.Dr.*

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Waters, P. G., *Asst.P.E.E.*
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Green, F. H., 313 S. Virginia Ave.

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Vopni, S. F., *Hd.Math&Science*, Edison Tech. Sch.

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Kriegel, W. W., *Materials*
Merritt, C. W., *Min. Tech.*
Mohr, J. G., *Mining*
Mueller, J. I., *Physics*
Russell, R., *Min. Tech.*
Scholes, S. R., *Materials*
Sheerar, L. F., *Mechanics*
Sutton, W. J., *Chemistry*
Tuttle, M. A.

CHEMICAL ENGINEERING

Aikele, C. M., *Chemistry*
Altpeter, R. J.
Anderson, F. A., *Chemistry*
Aries, R. S., *Industrial*
Armstrong, W. P.

Arnold, D. S., *Chemistry*
Averitt, W. K., *Physics*
Bailey, C. R.
Baker, C. P., *Chemistry*
Ballard, J. H., *Chemistry*
Banchero, J., *Mat.*
Barker, M. E.
Bartkus, E. P.
Bartlett, L. H., *Thermo. & Power*
Basore, C. A.
Bates, H. T., *Chemistry*
Beatty, K. O.
Beble, Jules, *Chemistry*
Beisler, W. H., *Chemistry*
Bell, N.
Berg, Lloyd
Bergelin, O. P., *Mechanical*
Berne-Allen, A., *Chemistry*
Bezik, M. J.
Bischel, K. H., *Chemistry*
Bishop, F. F., *Min. Tech., pet. & nat. gas*
Blanchard, F. J.
Boarts, R. M., *Human-Social*
Bond, R. H., *Math.*
Bonilla, C. F., *Materials*
Borowik, A., *Met.; Mat.*
Braidech, M. M., *Sanitary*
Bray, J. L., *Mineral Tech., metallurgy*
Bredekamp, M. W., *Chemistry*
Bretton, R. H., *Chem.*
Bridger, G. L., *Chemistry*
Bright, R., *Chemistry*
Brink, J. A.
Brock, C. L.
Brown, G. G., *Pet. & Nat. Gas*
Buch, W. E., *Chemistry*
Burg, W. V., *Metallurgy*
Burnet, G., *Chem.*
Calkin, J. B., *Res.*
Carter, C. L., *Physics*
Castonguay, T. T., *Chemistry*
Ceagiske, N. H.
Chamberlain, D. F., *Chemistry*
Chapman, H. E., *Chemistry*
Chetrick, M. H.
Chew, W. W., *Chemistry*
Christiansen, E. B.
Chu, J. C., *Chemistry*
Claiborne, H. C., *Chemistry*
Coates, J., *Chemistry*
Comings, E. W.
Conrad, F. H., *Chemistry*
Conway, J. B.
Cooley, A. M., *Min. Tech., metallurgy*
Cooley, R. A., *Chemistry*
Coonley, L. S., *Chemistry*
Coons, K. W., *Chemistry*
Cooper, A. H., *Chemistry; Mechanical*
Cornwall, R. R.
Corrigan, T. E.
Coull, J., *Refrig.*
Courtney, G. W.
Cramer, E. S., *Chemistry*
Crewe, G. F.
Crump, J. R.
Cunningham, W. A., *Min. Dress.*
Dailey, L. T., *Electrical*
DallaValle, J. M., *Tech. Inst.*
David, M. M.
Davis, D. C.
Davis, W. K.
Deane, C. W.
Deller, A. W., *Patents*
Deschner, W. W.
Dickinson, D. F.
Dodge, B. F., *Chemistry*
Dodge, E. H., *Chemistry*
Donnelly, H. G., *Mineral Tech.*
Doody, T. C., *Chem.; Physics*
Drew, T. B., *Math.*
Duncan, J. M., *Ind. E.*
Duncombe, C. G., *Chemistry*
Durst, R. E.
Dwyer, O. E., *Thermodynamics*
Edell, G. M., *Mech. & Mat.*
Edmister, W. C.
Eldridge, J. W., *Chem.*
Elgin, J. C., *Chemistry*
Epperson, E. R., *Chemistry*
Fairbanks, H. V., *Metallurgy*
Farrar, G. L.
Finch, E. B.
Fink, C. E., *Economics; Chemistry*
Fisher, R. A., *Chemistry*
Fletcher, F. A., *Chemistry*
Frederick, M., *Chemistry*
Fredrickson, R. E.
Frush, C. O., *Min.*
Garber, H. J., *Chemistry*
Garwin, L.
Gerster, J. A., *Chemistry*
Glesy, P. M., *Chemistry*
Gleekman, L. W., *Metallurgy*
Glockler, G., *Chemistry*
Graves, H. E., *Chemistry*
Groggins, P. H., *Chemistry*
Gudebski, H. C., *Min. Tech.*
Guerrieri, S. A., *Chemistry; Pet. & Nat. Gas*
Gurnham, C. F., *Civil; San.*
Hanslick, R. S.
Happel, J., *Pet. & Nat. Gas*
Hartsook, A. J., *Chemistry*
Hauser, E. A., *Colloid Chemistry*
Hazelton, R. F.
Hecker, C. H., *Chemistry*
Heckman, R. F.
Herndon, L. K., *Res.*
Heinze, R. C., *Chemistry*
Hensel, S. L.
Hindle, N. F., *Mechanics*
Hixson, A. W., *Economics*
Hobson, M.
Hodge, W. W., *Research*
Hoelscher, H. E., *Chemistry*
Hoffman, D. S., *Math.*
Honstead, W. H., *Chemistry*
Hougen, J. O.
Hougen, O. A., *Chemistry*
Hubbard, R. M., *Metallurgy*
Huckaba, C. E., *Chemistry*
Huff, W. J.
Huffman, J. R., *Chemistry*
Huntington, R. L., *Min. Tech.*
Isbin, H. S., *Nuclear*
Jackson, M. L., *Chemistry*
Jay, D. J.
Jenness, L. C.
Joffe, J., *Chemistry*
Johnson, E. F., *Physics*
Johnson, H. F.
Johnston, R. C.
Johnstone, H. F., *Chemistry*
Jury, S. H., *Chemistry*
Kammermeyer, K.
Karsten, A., *Chemistry*
Katz, D. L., *Pet. & Nat. Gas*
Keeffe, G. C.
Keller, R. F., *Chemistry*
Kinney, G. F., *Mechanical*
Kintner, R. C.
Kircher, C. E., *Research*
Kirk, R. S., *Chem.*
Knight, O. S., *Chemistry*
Koffolt, J. H.
Kowalczyk, L. S., *Ind.*
Kowalke, O. L.
Kraybill, R. R., *Met.*
Kurata, F.
Lamb, G. G., *Hum.-Soc.*
Larian, M. G.
Lauer, B. E., *Chemistry*
Lenoir, J. M., *Chemistry*
Lewis, W. K.
Licht, W., *Chemistry*
Lindsay, J. D., *Chemistry*
Lindsey, E. E., *Chemistry*
Litkenhous, E. E.
Livingood, M. D., *Chemistry*

Lobo, W. E.
Lockhart, F. J., *Chemistry*
Lof, G. O., *Chemistry*
Lorah, J. R.
Lottes, J. C.
Ludt, R. W.
Luebbers, R. H., *Sanitary*
Luke, C. D., *Chemistry*
Lukens, H. S., *Chemistry*
Luker, J. A.
MacDonald, J. R., *Metallurgy*
Machwart, G. M., *Chemistry*
Mack, D. J., *Metallurgy*
Madden, A. J., *Chemistry*
Major, C. J.
Maloney, J. O., *Research*
Marsel, C. J., *Chemistry*
Martin, J. J., *Mechanical*
Maslan, F.
Mason, J. W.
McAdams, W. H., *Heat Power*
McBride, G. T.
McCarthy, J. L., *Chemistry*
McCormack, R. H., *Chemistry*
McCready, D. W.
McMillen, E. L.
Mellow, E. W.
Miller, E. C., *Assoc. P. Ch. E.*
Miller, S. A., *Chemistry*
Moesei, F. C., *Metallurgy*
Mongan, E. L., *Chemistry*
Monrad, C. C.
Morel, R. W. F., *Mechanical*
Morgan, J. C., *Coördination*
Morse, P. L.
Mosher, R. P., *Chemistry*
Moulton, R. W., *Chemistry*
Murphy, N. F., *Chemistry*
Myers, H. S., *Chemistry*
Myers, J. E.
Nielsen, J. P., *Mat.; Metal.*
Oberg, A. G.
Obrecht, M. F., *Chemistry*
Oldham, F. D.
Osburn, J. O.
Othmer, D. F., *Chemistry; Industrial*
Oxford, C. W.
Parker, M. E., *Food Engrg.*
Paul, G. T., *Chemistry*
Peck, R. E., *Phys.*
Peña, I. R., *Chemistry*
Perry, J. H., *Economics*
Peterson, J. M., *Chemistry*
Petrie, J. M., *Chemistry*
Phillips, J. B., *Chemistry*
Pike, F. P.
Preckshot, G. W., *Chemistry*
Prien, C. H., *Chemistry*
Radasch, A. H., *Chemistry*
Ragatz, R. A., *Metallurgy*
Reams, D. C., *Mathematics*
Rebert, C. J., *Physics*
Reed, C. O., *Chem.*
Reiser, C. O., *Pet. & Nat. Gas*
Rhodes, F. H., *Min. Tech.*
Rich, R. E., *Chemistry & Economics*
Ries, H. C., *Physics*
Riordan, F. S., *Mathematics*
Rose, A.
Rushton, J. H., *Chem.*
Ruth, B. F., *Chemistry*
Ryan, N. W.
Salamone, J. J.
Savage, R. L., *Chemistry*
Schmidt, A. X., *Materials*
Schoenborn, E. M., *Chemistry*
Schommer, J. J., *Industrial; Sanitary*
Schrenk, W. T., *Chemistry*
Schweyer, H. E., *Pet.*
Seely, J. F.
Severson, D. E.
Seyer, W. F., *Chemistry*
Shaffer, R. F., *Mechanical*
Sherman, G. W., *Physics*
Shilling, G. D., *Econ.*
Shires, L. B., *Chemistry*
Shreve, R. N., *Metallurgical*
Shulman, H. L., *Chemistry*
Siebert, C. A., *Min. Tech.*
Simons, H. P., *Chemistry*
Sims, H. D.
Smatko, J. S., *Chem.*
Smith, H. B.
Smith, J. C., *English*
Smith, J. M., *Chemistry*
Smith, N. L.
Smith, O. M., *Sanitary*
Smutz, M., *Chem.*
Sofianopoulos, A. J., *Materials*
Southworth, R. W.
Specht, R. C., *Chemistry*
Spielman, M., *Mechanical*
Stansbury, E. E., *Metal.*
Steinhauser, H. H.
Stepanek, J. E., *Chemistry*
Stephenson, R., *Chemistry*
Stern, H.
Stewart, P. B., *Thermo. & Power*
Stewart, V. T., *Mathematics*
Stevens, J. I.
Still, A. J., *Economics*
Stoppel, A. E., *Chemistry*
Stutzman, L. F.
Su, G. J.
Swearingen, L. E., *Chemistry*
Szego, G. C., *Chem.*
Taecker, R. G., *Met.*
Taylor, F. M., *Chemistry*
Taylor, J. A., *Met.*
Teller, A. J., *Chemistry*
Thode, E. F.
Thompson, A. R.
Thompson, D., *Min. Tech.*
Tillitson, E. W., *Mat.*
Toner, R. K.
Tour, R. S., *Mechanical*
Townsend, R. E.
Treybal, R. E., *Chemistry*
Updike, O. L., *Electrical*
Van Berg, C. F.
Van Duzee, G. R.
Van Winkle, M., *Pet. & Nat. Gas*
Vener, R. E., *Chemistry*
Vermeulen, T.
Vibrandt, F. C., *Chemistry*
Votta, F.
Walas, S. M.
Walker, C. A.
Walker, S. B., *Mechanics*
Walsh, T. J., *Chemistry*
Waltoon, J. S., *Pet. & Nat. Gas*
Ward, H. T., *Chemistry*
Watson, C. C., *Chemistry*
Watson, K. M., *Pet. & Nat. Gas*
Webber, H. A., *Heat Power*
Weber, J. H., *Chemistry*
Weber, P.
Wheeler, W. H., *Struc.*
White, A. H., *Metallurgy*
White, G. E., *Phys. Met.*
White, J., *Chemistry*
White, R. E., *Chemistry*
White, R. R.
Whitney, R. P., *Paper Chem.*
Whitwell, J. C., *Textiles*
Wilhelm, E. J., *Chemistry*
Wilhelm, R. H., *Chemistry*
Williams, G. B., *Pet.*
Williams, E. B., *Pet. & Nat. Gas*
Williams, G. C., *Metallurgy*
Wilson, E. D., *Chemistry*
Wilson, T. H., *Chemistry*
Winding, C. C., *Chemistry*
Winsbro, W. R.
Withrow, J. R., *Mineral Tech.*
Wood, W. P., *Min. Tech.*
Workman, H. J., *Pers.*
York, J. L., *Mineral Dressing*

Young, E. H., *Chemistry*
Zimmerman, O. T.
Zur Burg, F. W.

CHEMISTRY

Backer, L. H., *Chemical*
Bartlett, B. W., *Electricity*
Bartow, Edward, *San.*
Bauder, F. W.
Baxter, R. A., *Pet.*
Billings, E. R., *Adm.*
Bishop, J. A., *Physics*
Branin, M. L.
Brown, F. W., *Metal.*
Chase, E. F., *Chemical; Physics*
Chelberg, R. R.
Clark, H. M.
Cline, J. E., *Chemical*
Cloke, J. B., *Organic*
Curran, T. B., *Industrial; Met.*
Devor, E. L.
Disque, F. C., *Mathematics*
Dow, F. A., *Phys.; Aero.*
Dumke, W. H., *Min. Tech.*
Durkee, F. W.
Fender, L. C.
Fornoff, F. J.
Gisel, E. A.
Gray, J. C.
Haas, E. G.
Hanson, R. S., *Chemical*
Hodgson, R. H.
Howe, W. W.
Hunt, L. W.
Inigo, Maria A., *Mathematics*
Jacobs, E. B.
Jahren, C. E., *Physics*
Jones, W. H.
Kerker, M.
Komarewsky, V. T., *Chemical*
Knudsen, O. M., *Chemical*
Makens, R. F.
Martin, W. J.
Neville, H. A., *Chemical Eng.*
O'Connor, W. F., *Chem. E.*
Osterhof, G. G., *Chemical*.
Oswald, C. T.
Otto, C. E.
Perry, R. J., *Chemical*
Poznanski, M. C.
Rossini, F. D., *Physics*
Ryan, M. M.
Sabott, F. K.
Sandvig, R. L., *Chemical*
Sasin, G. S.
Schilz, C. E., *Physics*
Schlosser, F., *Physics; Tech.*
Schufle, J. A., *Math.; Min. Tech.*
Strong, R. K., *Chemical*
Stubbs, M. F.
Sutliff, J. W., *Chemical*
Swift, R. E., *Mineral Tech.*
Taylor, J. A., *Met.*
Tully, T. J., *Chemical*
Turner, E. M.
Turney, B. M.
von Fischer, W., *Chem. & Ch. E.*
Walker, S. B., *General E.*
Ward, L. S.
Wasley, W. L.
Wilson, W. S., *Physics*

CIVIL ENGINEERING

Abbott, F.
Abrams, J. I., *Mechanics*
Ackenheil, A. C., *Mech. & Mat.; Soil Mech.*
Ackerman, C. C., *Surveying*
Adams, O. V., *Trans.*
Adams, T. C., *Structural; Surveying*
Aggeler, C. J., *Survey.; Drawing*
Ahuja, V. B.
Aikin, H. B., Surveying; *Mech. & Mat.*
Aird, C. C.
Albertson, M. L., *Hydraulics*
Ali, A.
Allan, William, *Hydraulics*
Allen, C., *Hydr., Mech. & Mat.*
Allen, R. B., *Structural; Arch.*
Allison, W. H., *Structural; Mech. & Mat.*
Almy, L. B., *Structural; Mech.*
Alpern, M., *Struct.; Survey*
Alsmeyer, W. C., *Structures; Mech. & Mat.*
Alt, G. L., *Structural; Construction*
Ambrose, H. H.
Anastassiadis, D. T., *Constr.*
Andersen, Paul, *Structural*
Anderson, A. G., *Hydr.; Math.*
Anderson, John, *Hydraulics; Sanitary*
Andreassen, A. T., *Mech. & Mat.*
Antoni, C. M., *Struc.; Mech. & Mat.*
Apple, R. E., *Structural; Arch. E.*
Arendt, J., *Hydr.; Struct.; Mechs.*
Armento, W. J., *Struc.; Survey*
Ashton, E. L., *Struct.*
Aubert, Bro. J., *Mech. & Mat.; Struct.*
Babbitt, H. E., *Sanitary; Chemistry*
Babcock, H. A., *Struc.; Hyd.*
Babcock, J. B., *Trans.; Constr.*
Babcock, W. F., *Trans.*
Baker, W. H., *Survey; Math.*
Ballis, R. J., *Sanitary; Struc.*
Barber, E. S., *Soil Mech.*
Bardsley, C. E., *Hydr.; Mechs.*
Barker, C. L., *Hydraulics*
Barnes, G. E., *Hydraulics; Sanitary*
Baron, F., *Struc.; Trans.*
Barry, B. A., *Surveying; Gen.*
Bartel, H. H., *Transport.*
Barth, T. S., *Hydr.; San.*
Bass, Frederic
Bassar, N., *Structures; Mechanics*
Baty, J. B., *Sanitary; Hydraulics*
Bauer, E. E., *Materials*
Bazant, T. Z., *Constr.; Soil Mech.*
Beatty, J. M.
Beebe, G. A.
Begg, R. B. H.
Belz, C. J., *Surveying; Hydraulics*
Benish, A. A., *Surveying*
Benjamin, I. A., *Structural*
Bennett, J. G., *Struc.; Mech. & Mat.*
Benson, F. J., *Structural*
Berger, L., *Soil Mechs.; Mech. & Mat.*
Best, S. V., *Soil Mech.; San.*
Biagi, J. M.
Bird, H. C., *Structural; Transportation*
Bird, J. M.
Bishop, C. T., *Structural; Mechs.*
Bissett, J. R.
Black, H. H.
Black, R. P., *Surveying; Transportation*
Blakely, M. L.
Bleekman, G. M., *Surveying*
Blessey, W. E., *Struc.; Soil Mech.*
Blickenderfer, H., *Hydr.; San.*
Blodgett, H. B., *Mech. & Mat.*
Blythe, D. K., *Surveying*
Boeck, R. E., *Structural*
Bogema, M., *Hydraulics; San.*
Boguslavsky, B. W., *Struc.; Arch. E.*
Bohl, L. T., *Struc.; Trans.*
Bonar, A. J., *Soil Mech.*
Bone, A. J., *Transportation*
Bonn, R., *Hydr.; Chem.*
Bonney, C. H., *Sanitary*
Boon, L. F., *Surveying; Trans.*
Borg, G. K., *Sanitary*
Borg, S. F., *Structural*
Borgquist, E. S., *Hydraulics; Sanitary*
Bouchard, H., *Surveying*
Bowersox, E. R., *Graphic Studies*
Bowler, E. W., *Hydraulics; Sanitary*
Bowman, H. L., *Structural; Mechanics*
Boyce, E., *Sanitary*

Boyd, A., *Structural; Hydraulics*
Boyer, M. C., *Hydr.; Agric. Eng.*
Boyer, W. C., *Struc.; Mech.*
Boyer, W. W., *Survey; Transport.; Mechs.*
Bradley, W. A., *Structural; Soil Mech.*
Bradshaw, G. W., *Structural*
Bransford, T. L., *Surveying; Trans.*
Brater, E. F., *Hydraulics; Mech. & Mat.*
Breed, C. B., *Transportation; Survey*
Bremer, R., *Sanitary*
Bresler, B., *Structural; Mech. & Mat.*
Bretscher, E. R., *Structural*
Brielmaier, A. A., *Struc.*
Brill, K. G., *Geol.*
Brinegar, W. V., *Drawing; Arch.*
Brinker, R. C., *Struc.; Hyd.*
Brockenbrough, T. W., *Aero.; Struc.*
Brodt, E. M., *Shop & Mech. Arts*
Bromilow, F., *Struc.; Mech.*
Brooks, E. M., *Geol.*
Brooks, J. F., *Struc.; Constr.*
Brown, C. W.
Brown, E. I., *Struct.; Constr.*
Brown, E. S., *Hydraulics; Sanitary*
Brown, F. V., *Surveying; Mech.*
Brown, L., *Struc.*
Brown, R. T., *Survey.; Mach. & Mat.*
Brumfield, R. C., *Struc.; Mech. & Mat.*
Brunken, C. O., *Hydr. Mech.*
Brust, A. W., *Mech. & Met.*
Bulger, J. W., *Structural; Mech. & Mat.*
Burmister, D. M., *Soil Mech.*
Burris, L.
Bush, A. F., *San.; Ind.*
Butkus, J., *Mech. & Mat.*
Butler, J. B., *Transportation; Hydr.*
Butler, S. S., *Hydr.; Gen.*
Cade, C. M., *Survey.*
Calhoun, J. C.
Camp, W. E.
Campbell, T. H., *Mech. & Mat.*
Capp, M. P., *Struc.; Mech. & Mat.*
Carley, W. J.
Carlton, E. W., *Struc.; Hydr.; Constr.*
Carpenter, S. T., *Struc.; Mech. & Mat.*
Carstens, M. R., *Hydraulics*
Carter, H. S., *Trans.*
Cartier, L., *Hydraulics*
Casagrande, A., *Soils; Mech. & Mat.*
Caseman, A. B.
Caughey, R. A., *Structural; Arch.*
Cebula, R. S., *Struc.; Math.*
Cermak, J. E., *Hydr.; Mech. & Mat.*
Chaderton, J. C., *Construction*
Chamberlain, J. J., *Mech. & Mat.*
Chambers, A. L., *Construction; Trans.*
Champagne, R. G., *Drawing*
Chase, A. S., *Constr.*
Cheek, F. H., *Sanitary; Hyd.*
Cheney, L. T., *Mech. & Mat.; Structur.*
Chenoweth, H. H., *Hydr.; Mech.*
Christensen, N. A., *Aero.*
Chittenden, H. M.
Churak, A. P.
Clanton, J. R., *Structural*
Clark, G. W., *Survey; Sanitary*
Clark, J. G., *Aeronautics; Struc.*
Clark, R. D. M., *Geol.*
Clarke, C. B.
Clarke, E. L., *Sanitary; Survey*
Claus, R. J., *Mech.; Struc.*
Claybaugh, H. S., *Drainage*
Clayton, L. A., *Hyd.; Mech. & Mat.*
Clement, W. B.
Code, W. E., *Hyd.*
Colbert, J. P., *Structural; Mech.*
Colcord, J. E., *Survey.; Hydr.*
Collier, I. L., *Surveying*
Collins, H. J., *Structural*
Combs, L. B., *Constr.*
Comi, P. J., *Surveying*
Comins, H. D., *Mechanics and Materials*
Conkling, L. D., *Hydraulics; Const.*
Conley, H. G., *Struc.; Mech. & Mat.*
Conrad, L. E., *Structural; Hydr.*
Conte, F. J., *Structural; Gen.*
Converse, F. J., *Soil Mech.; Mech. & Mat.*
Conwell, W. A., *Structural; Mech. & Mat.*
Cook, R. M., *Mechanics*
Coopey, M. P., *Trans.*
Cornelison, E. D., *Structural; Constr.*
Cornell, R. M., *Hydraulics; Sanitary*
Cortright, D. N., *Survey.; Trans.*
Cosens, K. W., *Structural*
Costa, J. J., *Structural; Arch.*
Cottingham, W. S., *Struc.; Mech. & Mat.*
Coulter, R. G., *San.; Hydr.*
Cournyn, J. B., *Hydr.*
Cox, G. N., *Hydraulics; Mech. & Mat.*
Crabtree, F. H., *Transportation; Constr.*
Crandall, L. W.
Crate, H. W., *Survey.; Draw.*
Crawford, I. C., Jr., *Struc.*
Crosier, C. M., *Structures; Mech. & Mat.*
Cross, Hardy
Csanyi, L. H., *Highway*
Cummins, K. D., *Soil Mech.; Struc.*
Cummings, R. H., *San.*
Cunningham, C. W., *Struct.; Mech. & Mat.*
Curtis, D. D., *Hydr.; Mech. & Mat.*
Curtis, K. S., *Survey.*
Cutts, C. E., *Math.; Struc.*
Dabney, W. H.
Dake, E. D., *Trans., Soil Mech.*
Daily, E. J., *Struc.*
Dalessio, J., *Struct.; Mechanical*
Daniels, W. T., *Mechanics*
Danner, E., *Trans. Constr.*
D'Appolonia, E., *Struc.; Mech. & Mat.*
Davidson, D. T., *Trans.; Soil Mech.*
Davis, C. M., *Pet.*
Davis, H. E., *Trans.; Soil Mechs.*
Davis, H. S.
Dawson, J. H.
Dawson, R. F., *Soil Mech.*
Deere, D. U., *Geology*
De Hart, R. C., *Mech. & Mat.*
Del Mastro, A. J., *Structural; Mat.*
Del Vecchio, A. J.
Dell, G. H., *Structural; Surveying*
Derleth, Chas., *Structural*
Demirjian, G.
Diefendorf, A., *Transportation; Constr.*
Dietz, A. G. H., *Mech. & Mat.*
Dietz, J. C., *Sanitary*
Dillenbeck, H. L., *Survey.; Draw.*
Dillon, F. J., *Survey*
Dini, A. E., *Mechs. & Mats.*
Dodds, R. H., *Survey Constr.*
Dodge, E. R., *Hydraulics*
Doty, L. D., *Hydraulics*
Downing, R. L., *Hydraulics; Sanitary*
Doyle, L. L., *Struc.; Survey.; Mats.*
Drager, F. E., *Surveying*
Drinker, P., *Sanitary; Chemical*
Driscoll, G. F., *Trans.; Highway*
Duba, J. G., *Hydr.; Sanitary*
Du Bose, L. A., *Soil Mech.; Materials*
Duke, C. M., *Struc.; Soil Mech.*
Dunham, C. W., *Structural; Trans.*
Dunkerley, P. A., *Trans.; Mech. & Mat.*
Dunn, C. A., *Structural*
Dunstan, G. H., *Sanitary; Hyd.*
Du Plantier, D. A.
Dye, E. R.
Easton, A. H., *Res.*
Eberhart, H. D., *Struc.; Mech.*
Eckle, J. N., *Structural; Draw.*
Edson, C. G., *Hydr.; Mechs.*
Edwards, F. W., *Hydraulics*
Eichler, J. O., *Survey.; Trans.*
Ekse, M., *Trans.; Constr.*
Eliassen, R., *Sanitary*
Ely, J. A., *Transportation*
Emmons, W. J., *Construction*
Eney, W. J., *Structural; Mech.*
Engle, E. D., *Surveying; Eng. Drawing*
Engler, L. W., *Hyd.; Soil Mechs.*

English, J. M., *Structural; H.-S.*
Erdoss, B. K., *Fluid Dynamics*
Erickson, F. K., *Sanitary; Mech.*
Ericson, E. G., *Surveying*
Ernst, G. C., *Sanitary*
Eshbaugh, C. W., *Survey., Constr.*
Evans, F. J., *Struc.; Mat.*
Evans, K. H., *Structural; Soil Mechs.*
Evans, T. H.
Evans, W. S., *Structural*
Everett, H. C.
Evinger, M. I., *Sanitary*
Ewell, W. W., *Structural*
Eye, J. D., *San.*
Eyman, R. P., *Survey.*
Fabian, E. S., *Struc.; Mech.*
Fadum, R. E., *Soil Mech.*
Fagan, W. W., *Survey., Trans.*
Fair, G. M., *Sanitary*
Faircloth, J. M., *Sanitary; Soil Mech.*
Fay, D. P., *Hyd.; Mech. & Mat.*
Fead, J. W. N.
Feodoroff, N. V., *Struc.; Hydr.*
Ferguson, P. M., *Structural; Arch.*
Fiesenheier, E. I., *Structural*
Finch, S. P., *Struc., Hyd.*
Fisk, N. S., *Survey.; Mech.*
Fixen, V. L., *Constr.*
Flanakin, H. A. M., *Struc.; Trans.*
Flanders, R. L., *Mech.*
Fleming, J. R., *Sanitary*
Flinsch, H. V.
Flint, R. E., *Hydr.; Struc.*
Flynn, E. C., *Structural; Survey*
Focht, J. A., *Trans.*
Folk, J. T., *Des. Geom.; Hyd.; Survey.*
Foote, F. S., *Railroad*
Foss, R. J., *Mechanics*
Fossum, G. O., *Hydraulics*
Fox, F. H., *Surveying; Transportation*
Fox, R. M., *Structural; Transportation*
Frank, A. L., *Surveying; Soil Mechs.*
Franzini, J. B., *Mech.*
Freedman, M., *Constr.; Arch.*
Freel, W. I., *Hydraulics; Survey*
Frost, D. C., *Sanitary*
Fuller, A. H., *Structural*
Funk, F. F., *Sanitary; Survey*
Gallaway, B. M., *Hydr.; Constr.*
Gallen, J. J., *Struc.; Mech.*
Galligan, W. E., *San.; Hydr.*
Gallo, F. J., *Struc.; Mech. & Mat.*
Gallogly, H. P., *Surveying; Draw.*
Gamet, M. B., *Hydraulics; Sanitary*
Gant, E. V., *Mechanics; Struc.*
Gardner, R. A., *Sanitary*
Garrelts, J. M., *Str.; Mech. & Mat.*
Gaylord, C. N., *Mech.*
Gaylord, E. H., *Structural; Mech. & Met.*
Gebhard, J. C., *Econ.; Law; General*
Geer, E., *Struc.; Mech. & Mat.*
Gehrig, A. G., *Structural; Mechanical*
Geldmacher, R. C., *Elec.; Mech. & Mat.*
Gennaro, J. J., *Struc.; San.*
Gentile, J. J.
Georgi, C. O., *Structural; Survey.*
Gevecker, V. A. C., *Hydr.; Soil Mech.*
Ghaswala, S. K., *Aeronautics*
Gifft, H. M., *Sanitary; Hyd.*
Gildea, R. E. L., *Sanitary; Hydr.*
Giles, R. V., *Hyd.; Sanitary*
Gillan, G. K., *Struc.; Mech. & Mat.*
Glasscock, D. L., *Hydraulics*
Glenn, J. D., *Struc.; Mat.*
Glenn, W. D., *Survey.; Mech. & Mat.*
Glick, R. M., *Sanitary*
Gloyna, E. E., *Civil*
Gohr, C. W., *Surveying*
Goldsmith, L. J., *Surv.; Geol.*
Gonzalez, O. Q.
Goodman, L. J.
Goodwin, W. A., *Hyd.*
Gotaas, H. B., *Sanitary*
Gotolski, W. H., *Mech. & Mat.; Soil Mech.*
Graham, F. M.
Graham, J. W., *Struc., Constr.*
Gramstorff, E. A., *Struc.; Mech. & Mat.*
Granger, A. T., *Struc.; Mech. & Mat.*
Grant, E. L., *Economics; Ind.*
Grasso, S., *Hydraulics*
Graves, L. D., *Soil Mech.; Mat.*
Graves, Q. B., *Sanitary*
Gray, G. A., *Mech.; Struc.*
Greaves, M. J., *Struc.; Hydr.*
Grecco, W. L., *Survey.; Mat.*
Green, F. H., *Trans.; Econ.*
Green, R. S., *Struc.*
Greenshields, B. D., *Trans.*
Gribben, J. S., *Structural Constr.*
Griffin, D. F., *Trans.; Soil Mech.*
Griffith, D. M., *Structural*
Grinter, L. E., *Struc.; Mech. & Mat.*
Guernsey, R., *Structural*
Guillard, E., *Struc.; Mech. & Mat.*
Guldemann, E. J., *Sanitary; Hydr.*
Gunder, D. F., *Mech. & Mat.*
Guy, J. L., *Soil Mech.; Mech.*
Haas, W. M.
Haertlein, A., *Struc.; Mech. & Mat.*
Haines, D. D., *Soil Mech.; Struc.*
Haines, H. N.
Hall, D. J., *Trans.; Mech.*
Hall, H. P., *Soil Mech.; Struc.*
Hamilton, W. S., *Hydraulics; Mech.*
Hamm, A. S., *Survey., Constr.*
Hanrahan, F. J., *Structural; Mat.*
Hanes, J. C., *Sanitary*
Hansen, H. J., *Struc.; Mech. & Mat.*
Hardgrave, J. M., *Aero.; Heat Power*
Harding, F., *Struc.; Mech.*
Harding, G. H., *Surveying*
Hargis, A. B., *Sanitary*
Harkness, D. H., *Surveying; Trans.*
Harlow, H. G., *Mechanics; San.*
Harris, E. C., *Structural; Mat.*
Harris, E. H., *Structures*
Harris, R. B., *Structural; Arch. Eng.*
Harroun, D. T., *Soil Mech.*
Hartman, Paul, *Survey.; Soil Mechs.*
Hassler, P. C., Jr., *Eng. Draw.*
Hathaway, A. S., *Drawing*
Hauber, C., *Structural; Mech.*
Hayes, J. M., *Structural*
Haynes, H. G., *Highways; Mat.*
Heer, J. E., *Structures*
Heiple, L. R., *San.*
Heitzman, E. M.
Henderson, E. M.
Henderson, J. M., *Mech. & Mat.*
Hendrick, T. K. A., *Struc.; Hydraulics*
Hendrickson, K. N.
Hennes, R. G., *Transport.; Soil Mech.*
Herr, L. A., *Structures; Mechs.*
Herrmann, G., *Structures; Mechs.*
Hershkowitz, L., *Surv.; Transprotation*
Hillis, L. F., *Structural*
Himelright, L. K., *Gen.; Soil Mech.*
Hinman, J. J., *Sanitary*
Hoadley, A., *Hydr.; Struc.*
Hoag, A. L., *Survey.; Drawing*
Hoag, J. A.
Hodge, R. J., *Soil Mech.; Transport.*
Hoff, J. E., *Mech.*
Hofmann, W. P., *Soil Mechs.; Geol.*
Holcomb, G. W., *Struc. Constr.*
Holcomb, R. M., *Structural; Arch.*
Holley, M. J., Jr., *Struc.; Mech. & Mat.*
Hollis, W. J., *Mech.*
Holmberg, C. H.
Holmes, F. E., *Surveying; Hydraulics*
Holt, A. H., *Surveying; Hydr.*
Hooper, L. J., *Hydraulics*
Hope, E. S., *Hydraulics*
Horan, F. W., *Sanitary; Survey.*
Horwood, E. M., *Trans.; Mechanics*
Hosmer, W. T.
Housel, W. S., *Soil Mech.; Mech. & Mat.*
Howe, J. W., *Hydraulics; Mech. & Mat.*

Howe, R. T., *Survey.; Math.*
Howland, W. E., *Sanitary; Hyd.*
Hubbard, T. F., *Mech. & Mat.*
Hubler, J. W., *Mech. & Mat.; Struc.*
Hulsbos, C. L., *Structures; Mechs.*
Hummel, R. L., *Architecture; Struc.*
Huntington, W. C., *Mech. & Mat.*
Hutchins, R. E., *Sanitary*
Hutto, G. J., *Structural; Drawing*
Hyde, C. G., *Sanitary*
Ingalls, E. C., *Structural; Mat.*
Ingram, W. T., *Sanitary; Ind.*
Ippen, A. T., *Hydraulics*
Irish, S. B., *Survey., Trans.*
Israelson, O. W., *Sanitary*
Jackson, M. W., *Mech. & Mat.; Struc.*
Jackson, N. E., *Hydraulics; San.*
Jacobs, R. K., *Mechanics*
Jacobson, G. L., *Hydraulics; Sanitary*
Jameyson, B., *Struc.*
Jamieson, R. E., *Struc.; Mech. & Mat.*
Jarvi, A. O., *Structural*
Jeh, D. B., *Struc., Hydr.*
Jenkins, H. T., *Structural; Drawing*
Jentoft, A. P., *Structures; Drawing*
Jensen, C. D., *Soil Mech.; Mech. & Mat.*
Jessup, W. E.
Jett, D. B., *Mat.*
Johnson, A. M., *Soil Mechanics; Transport.*
Johnson, A. R., *Structural; Mech. & Mat.*
Johnson, D. E.
Johnson, E. B.
Johnson, E. E., *Mechanics; Struc.*
Johnson, R. C., *Hydraulics; Structural*
Johnson, S. S., *Surveying; Mech. & Mat.*
Johnston, E. R., *Structures; Mechs.*
Jones, D. K., *Sanitary; Hyd.*
Jones, D. W. B., *Arch.*
Jones, J. H., *Trans.*
Jones, R. M., *Surveying; Mech. & Mat.*
Joseph, Bro. A., *Sanitary*
Jumikis, A. R., *Soil Mech.; Found.*
Jurgens, O.
Kadala, R. J.
Kadala, S. G., *Transport.*
Kahlert, C. G., *Survey.; Draw.*
Kallsen, H. A.
Kampmeier, R. A., *Hydraulics*
Kaplan, B., *Hyd.; Sanitary*
Karrer, E. H., *Trans.; Const.*
Kavanagh, T. C., *Struc.; Mech. & Mat.*
Keeton, J. R., *San.; Gen.*
Keith, W. G., *Struc.; Survey.*
Keller, D. R., *Struc.; Mech.*
Kelly, J. W., *Mech. & Mat.; Constr.*
Kelly, T. A., *Mech. & Mat.*
Kennard, H. J.
Kennedy, W. N., *Trans.*
Keosaian, E., *Hyd.; Struct.*
Kepner, H. R., *Structural; Mech. & Mat.*
Kerley, J. J., *Hydraulics*
Kersten, M. S., *Soils*
Kessler, L. H., *Sanitary; Hyd.*
Kessler, R. A., *Drawing*
Ketchum, M. S., *Structural*
Key, J. C., *Surveying; Mech.*
Kiernan, C. J.
Kiker, J. E., *Sanitary*
Kilcawley, E. J., *Sanitary; Soil Mechs.*
Kiley, M. M., *Struc.; Mech.*
Kindig, C. H., *Structural*
Kindsvater, C. E., *Hydraulics*
King, E. E., *Railway*
King, R., *San.*
Kinney, J. S., *Structural; Mech.*
Kinnier, H. L., *Struc., Survey.*
Kirby, L. R., *Struc.; Mech.*
Kissam, Philip, *Survey.; Transportation*
Kisslinger, C., *Geol.*
Kittredge, R. B., *Transportation; Survey.*
Klas, R. C.
Klein, F., *Mathematics; Drawing*
Kleinschmidt, R. B., *Hydr.; Mechanics*
Klemme, C. C., *Structural*
Knight, A. J., *Structural; Surveying*
Kohl, J. C., *Trans.*
Koliner, R., *Structures; General*
Kolm, R. E., *Structural; Mech.*
Koonsman, G. L., *Survey.; Hydr.*
Kozlowski, E., *Mech. & Mat.*
Krantz, W. H., *Struct.*
Krefeld, W. J., *Structural; Mech. & Mat.*
Krynine, D., *Structural; Soil Mech.*
Kubler, C. J.
Kubo, G. G., *Struc.; Mech.*
Lagaard, M. B., *Struc.; Drawing*
LaLonde, W. S., *Structural*
Lambert, B. J., *Structural; Construction*
Lansford, W. M., *Hydr.; Mechs. & Mat.*
Large, C. S., *Mech. & Mat.*
Large, G. E., *Structural; Mech. & Mat.*
Larson, E., *Structural*
Larson, F. C., *Sanitary*
LaRue, H. A., *Surveying*
LaRue, R. D., *Drawing*
Latimer, C. A., *Draw.; Math.*
Laughter, C. N.
Laushey, L. M., *Hydraulics; Sanitary*
LaValle, P. F., *Architecture*
Lavelle, F. H., *Mech. & Mat.*
Leclerc, A., *Hyd.*
Legault, A. R.
Leigh, A. H., *Mechanics*
Leister, J. S., *Transportation*
Lendall, H. N., *Sanitary; Hyd.*
Lenz, A. T., *Hydraulics; San. Eng.*
Leonard, S. J., *Surveying; Hydraulics*
Lepper, H. A., *Mech. & Mat.*
Lerner, S., *Struc., Sur.; Arch.*
Lewald, C. E., *Hydr.; San.*
Lewis, R. L., *Mech. & Mat.; Struc.*
Liebig, J. O., Jr., *Struct. Mechanics*
Lightholder, R. K., *Survey.; Mech.*
Lin, T. Y., *Struc.; Trans.*
Lindstrom, C. A., Jr., *Hyd.; Sanitary*
Linsenmeyer, R. F., *Mech. & Mat.*
Linsley, R. K.
Littlefield, G., *Struc.; Mech. & Mat.*
Littleton, E. F., *Structural; Mech. & Mat.*
Lium, E. L., *Survey.; Trans.*
Lnenicka, W. J., *Struc. Survey.*
Lohr, W. S., *Structural; Mech. & Mat.*
Lommel, G. E., *Surveying*
Look, F. W., *Survey.; Soil Mech.*
Looney, C. T. G., *Struc.; Mech. & Mat.*
Lorsch, H. G., *Struc.*
Love, J. E., Jr., *Struc.; Mech. & Mat.*
Lowe, T. M., *Hydraulics; Sanitary*
Lowry, W. L., Jr., *Arch.; Constr.*
Lubsen, R. J.
Lucas, J. H., *Surveying*
Luck, L. D., *Structural; Soil Mech.*
Lueder, D. R., *Transport; Survey*
Luther, H. B., *Struc.; Hyd.*
Lyon, G. B., *Hydr.; Mech. & Mat.*
MacAlpine, D. M., *Structural; Mech. & Mat.*
MacCurdy, W. K.
Mackintosh, C., *Struc.*
MacLean, E. A., *Structural; Mech. & Mat.*
MacPherson, K. B.
Maguire, J. H.
Mains, L. P., *Structural; Mech. & Mat.*
Mains, R. M., *Struc.; Mechs.*
Male, C. T., *Agricultural; Survey.*
Mangasarian, R. D., *Survey.; Const.*
Mann, J. H. C.
Mannuccia, H., *Arch.; Struc.*
Mantell, M. I., *Structural*
Marr, R. A.
Marsh, E. H.
Marsh, M. R., *Surveying*
Marshall, O. J., *Surveying*
Marthinsen, J., *Sanitary; Hyd.*
Martin, F. L., *Mineral Tech.*
Martinez, J. E., *Hydr.; Sanitary*
Marton, E.
Mass, M. L., *Structural*
Matlock, J. R., *Structural; Mech. & Mat.*

Mathewson, J. H., *Transp.; Mech.*
Matthaei, R.
Mattson, D. W., *Mech. & Mat.*
Maugh, L. C., *Mech. & Mat.*
Mavis, F. T., *Hydr.; Struc. Mech. & Mat.*
Maxey, R. B., *Structural*
May, A. D.
May, M. C., *Surveying*
McCain, D. M., *Structural; Economics*
McCarthy, J. A., *Struc.; Mech. & Mat.*
McClellan, T. J., *Struc.*
McCullough, F. M., *Struc.*
McDill, W. H., *Structural; Mech. & Mat.*
McDonald, J. B., *Mech. & Mat.*
McEntyre, J. G., *Struc.; Surv.*
McFarlan, H. J., *Surveying*
McFarland, R. A., *Surveying*
McGauhey, P. H., *Hydr.; San.*
McGaw, A. J.
McIntosh, W. R., *Mech. & Mat.; Struc.*
McKee, J. E., *Sanitary*
McKevitt, J.
McLaurin, Banks, *Mech. & Mat.*
McLean, D. H., *Struc.; Hyd.*
McMahon, T. F.
McMillan, C. R., *Mech. & Mat.; Survey.*
McNair, A. J., *Surveying; Mech. & Mat.*
McNeese, D. C., *Survey.*
McNeill, W. C., *Arch.; Hyd.*
McNown, J. S., *Hydr.; Mech. & Mat.*
McPherson, M. B., *Hydr.; Sanitary*
McRee, F. L., *Transportation*
Meese, R. H., *Soil Mech.; Mech.*
Meier, E. B., *Sanitary*
Mendousse, J. S., *Math.; Mats.*
Menoher, W. L., *Mechanics; Struc.*
Menzel, W. E.
Merkley, C. N.
Merryfield, F., *Hydraulics; Sanitary*
Meyer, C. F., *Surveying; Sanitary*
Michalos, J. P., *Structural; Mech. & Mat.*
Milbradt, K. P., *Mech. & Mat.; Struc.*
Miles, H. J., *Hydraulics; Sanitary*
Miller, A. L., *Structural; Mech. & Mat.*
Miller, C. A., *Structural; Mech. & Mat.*
Miller, E. L., *Min. Tech.*
Minnich, J. H., *Mech. & Mat.*
Minshall, R. E., *Structural; Construction*
Mirabelli, Eugene, *Struc.; Aeronautics*
Mirgain, F. C., *Surveying, hydraulics*
Mirsky, A. L.
Mittet, H. P., *Structural*
Mockmore, C. A., *Hydraulics*
Moeblus, C. M.
Moeller, C. M.
Mondschein, J.
Monk, C. B., *Struc.; Mech.*
Monohon, P. J., *Structural; San.*
Montz, J. M., *Survey.; Trans.*
Moore, E. B., *Structural; Mech. & Mat.*
Moore, J. H., *Struc.*
Moore, N. H., *Mech. & Mat.*
Moore, W. L., *Hydr.; Aero.*
Moorman, R. B. B., *Structural*
Morgan, C. W., *Survey.; Hydr.*
Morgan, P. F., *Sanitary*
Moritz, H. K., *Hydr.; Mech.*
Morral, F. R., *Mat.*
Morris, C. T., *Structural; Mech. & Mat.*
Morris, F. C., *Survey.; Trans.*
Morris, H. M., *Structural; Hydr.; Mechs.*
Morrison, E. O., *Hydr.*
Morrison, R. L., *Transportation; Lib.*
Morse, R. F., *Structural; Surveying*
Mortland, J. A., *Architecture*
Mory, S. A.
Mota, C. C., *Struc.; Surveying*
Moulton, E. Q., *Hydr.*
Moyer, R. A., *Transportation; Res.*
Muhlenbruch, C. W., *Mech. & Mat.*
Muhlhausen, E. K., *Mechanics & Mat.*
Munger, H. H., *Agricultural*
Murdough, J. H., *Structural; Mech. & Mat.*
Murphy, L. J., *Sanitary*
Murphy, W. G., *Struc.; Mech. & Mat.*
Myers, E. D., *Hydr.; Soil Mechs.*
Myers, J. C., *Mech. & Mat.*
Nagel, R. H., *Mechanics*
Newlin, C. W., *Soil Mechs.; Struc.*
Newlin, J. T., *Hyd.*
Newton, Dudley, *Structural; Surveying*
Nichols, M. S., *Sanitary; Chemistry*
Nikirk, F. A., *Economics*
Nordby, G. M.
Norman, C. C.
Northstine, L. V.
Notar, E., *Structural*
Novak, L. C., *Struc.; Sanitary; Mechs.*
Nowicki, A. L., *Sanitary*
Oakey, J. A., *Sanitary*
O'Connell, D. J., *Mech. & Mat.*
O'Dea, J. J.
Oglesby, C. H., *Survey.; Constr.*
Oliver, W. A., *Structural; Mech. & Mat.*
Olsen, G. A., *Struct., Mech. & Mat.*
Olson, O. N., *Struc., Mech. & Mat.*
Ondra, O. G., *Drawing; Hydr.*
Orland, H. P., *Sanitary*
Orr, J. A.
Orris, J. R., *Soil Mech.; Mech. & Mat.*
Osborn, J. C., *Mech. & Mat.*
Osorio, S. L. A., *Sanitary*
Osterberg, J., *Soil Mech.*
Otts, L. E., *San.*
Ownbey, C. R., *Hydr.; Mech.*
Page, R. T., *Hyd.; Sanitary*
Painter, W. D., *Struc.; Mech.*
Palevsky, G.
Palmer, A. E., *Structural; Mech. & Mat.*
Palmer, R. K., *Surveying*
Pananides, N. A., *Survey; Draw.*
Paquette, R. J., *Transport.*
Park, J. C., *Soil Mech.; Struc.*
Parke, D. M.
Parker, E. M., *Hydr.*
Parkhill, G. W., *Surveying; Hydraulics*
Parshall, M., *Sanitary*
Paterson, A.
Patten, W. E., *Hydraulics; Mathematics*
Pauw, A., *Soil Mech.; Math.*
Pearce, F. W., *Surveying; Mathematics*
Pekarsky, A. L.
Peller, C. G., *Structural; Hyd.*
Pelletier, C. J.
Pendley, L. C., *Soil Mech.; Mat.*
Penn, J. C., *Surveying*
Perez, Lawrence, *Surveying*
Perry, J. E., *Transportation*
Peterson, D. F., *Mathematics*
Peterson, W. M., *Structural*
Pettis, C. R., *Sanitary*
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Davenport, W. B., *Elec. & Comm.; Math.*
D'Avino, R. F., *Elec. & Comm.*
Davis, D. W., *Power; Physics*
Davis, J. F.
Davis, W. C., *Elec. & Comm.*
Dawes, C. L., *Power; Physics*
Dawes, L. M., *Power; Industrial*
Dawson, C. H., *Power; Math.*
Dean, J. E., *Power*
Decker, F. A., *Power; Mechanical*
Dechant, W. G., *Power; Mats.*
Deichert, R. W., *Electr.*
Deister, W. A., *Radio*
Dermer, R. D., *Power*
Dicker, P. E., *Elec. & Comm.; Math.*
Dickey, D. W., *Elec. & Comm.*
Dillard, J. K.
Dillingham, H. C., *Electronics & Comm.*
Dixon, H. S., *Power*
Doggett, L. A., *Power*
Doty, R. L.
Douglas, J. F. H., *Power; Physics*
Dow, W. G., *Physics; Elec.*
Dreese, E. E., *Power*
Drought, A. B., *Electr.*
Duesterhoeft, W. C.
Duke, A. L., *Math.*
Dunn, C. H., *Power*
Dunn, O. E., *Power*
DuVall, W. C., *Power*
Dyche, H. E.
Eager, M., *Electr.*
Early, J. M., *Elect. & Comm.; Math.*
Eastman, A. V., *Electr.*
Eaton, J. R., *Power*
Eckels, A. R., *Power*
Edison, O. E., *Power; Illumination*
Edmison, H. R., *Elect.; Power*
Edson, W. A., *Elect.; Physics*
Ellis, J. L., *Power; Physics*
Ellithorn, H. E., *Electronics & Comm.*
Elmergreen, G. L.
Engelmann, R. H., *Power*
Erdèlyi, E., *Power*
Erickson, W. H., *Power*
Essigmann, M. W., *Elec. & Comm.; Math.*
Estelle, W. E., *Elect. & Comm.; Gen.*
Eubanks, J. M.
Evans, F. E., *Electr.; Shop & Mech.*
Evans, H. S.
Ewing, D. D., *Power*
Fagal, F. F.
Faiman, R. N., *Electr.*
Farrar, C. L., *Elec. & Comm.*
Farris, H. W., *Electronics*
Fasake, W. E., *Elec.; Aero.*
Faucett, M. A., *Power; Mechanical*
Fawcett, C. D., *Power; Illumination*
Feldman, D., *Power; Physics*
Ferguson, S. A., *Illum.; Power*
Ferrara, G., *Physics; Power*
Fich, S., *Elec. & Comm.*
Field, L. M., *Electronics*
Fife, S. T., *Power; Communication*
Fillmore, R. L.
Finzi, L. A., *Power*
Fischer, D. A.
Fischer, F. P., *Power; Math.*
Fisher, B. A., *Power Comm.*
Fisher, J. C.
Fishman, S., *Communication*
Fitzgerald, J. A., *Power; Comm.*
Fitzgibbons, J. J., *Electronics*
Fitzpatrick, D. B.
Fleckenstein, E. L., *Electronics; Power*
Fletcher, H. E., *Drawing; Power*
Flick, C., *Micro. Res.*
Foecke, H. A., *Electronics; Math.*
Foltz, L. S., *Power; Illumination*
Forbes, A. H., *Power*
Ford, W. A., *Power; General*
Forsman, M. E., *Power; Electr.*
Foster, E. S., *Mech. & Mat.*
Fouraker, L. L., *Illumination*
Fouraker, R. S., *Power; Comm.*
Frazier, R. H., *Power*
Froehlich, C., *Mathematics*
Fuller, H. E.
Gafford, B. N., *Power*
Galbraith, R. A., *Power; Gen.*
Gamble, W. H., *Electronics & Comm.*
Gannett, A. C., *Math.; Electr.*
Gastineau, B. J., *Math.; Electr.*
Gault, J. S.

Geppert, D. V.
Gerlough, D. L., *Electr.; Trans.*
Gibson, R., *Power*
Gillan, M. J., *Power*
Gilmour, K. W.
Gisser, D. G.
Glenn, K. B., *Power*
Gless, G. E., Jr., *Electr.*
Glover, E. C., *Power*
Goddard, E. G., *Elect. & Comm.; Math.*
Goldman, S., *Elec. & Comm.; Physics*
Goldsmith, A., *Power, Elec. & Comm.*
Goldstein, M., *Radio*
Goodheart, C. F., *Power*
Goodwin, E. B.
Goodwin, J. M., *Mech.; Electr.*
Gorham, R. C., *Power; Economics*
Gould, G. B., *Power, Mathematics*
Graham, J. D., *Power*
Grandi, L. L., *Power; Heat Power*
Grandy, L. S., *Power*
Grasshoff, L. H., *Power*
Graves, H. E.
Gray, J. C., *Chemistry*
Gray, T. S., *Electronics*
Gray, W. F., *Power*
Green, J. W., *Electr.; Physics*
Green, R. H.
Greenstein, P., *Communication*
Greer, R. W., *Power*
Gregory, C. A., *Electronics*
Grissom, J., *Electr.; Pet.*
Grogan, W. R.
Gross, E. T. B., *Power*
Grove, A. W., *Power; General*
Grove, J. F.; *Power*
Guenver, J. L., *Mech.; Power*
Guess, R. H., *Power; Physics*
Guillemin, E. A., *Elect. & Comm.; Math.*
Gundlach, J. T., *Power; Lang.*
Haas, V. B., *Controls; Power*
Hackett, A. J., *Electr.; Tech. Inst.*
Hall, F. T., Jr., *Electr.*
Hall, W. B., *Power; Communication*
Hammann, J. W., *Power*
Hammond, G. H., *Elec. & Comm.; Phys.*
Hanna, W. J., *Power*
Hansteen, H. B., *Power; Physics*
Harbour, R. D., *Electr.; Math.*
Harman, W. W.
Harness, G. T., *Power*
Harris, L. D., *Power; Comm.*
Harrison, A. E., *Comm.; Physics*
Hartig, H. E., *Elec. & Comm.; Physics*
Hartman, D. K., *Physics; Power*
Hashmall, M. L.
Hassel, E. W., *Electr.*
Hatch, W. E., *Power*
Hathaway, S. D.
Hattrup, H. E., *Power*
Haupt, L. M., *Power*
Hausenbauer, C. R., *Elec. & Comm.*
Hawkins, R. H.
Haxby, B. V., *Math. & Electr.*
Haycock, O. C., *Elec. & Comm.*
Hayward, H. N., *Power*
Hazeltine, A., *Elec. & Comm.*
Hazen, H. L., *Power*
Heberling, W. W., *Power*
Hedrich, W. A., *Power; Mathematics*
Heinlein, R. I., *Power*
Helwig, W. F., *Power; Math.*
Henderson, R. B., *Elec. & Comm.; Physics*
Hendriks, H. J., *Electr.; Math.*
Henninger, G. R.
Hess, H. M., *Power; Math.*
Hesse, H. R.
Hesselberth, W. M.
Hessler, V. P., *Power*
Hewitt, G. S.
Higginbotham, D. E., *Power*
Higgins, T. J., *Circuits*
Higgs, R. W.
Hill, A. St. J., *Power*
Hinebaugh, M. E.
Hinrichs, R. H.
Hirst, J. M., *Power; Power Pl.*
Hitchcock, L. W., *Power*
Hoadley, G. B., *Elec. & Comm.; Math.*
Hodge, C. A., *Power*
Hodgins, L. J., *Power*
Hogan, J. C., *Power*
Hollman, C. W.
Hollan, A. J., *Power; Illum.*
Holland, L. N., *Elec. & Comm.; Physics*
Holland, W. A., *Power*
Hollister, V. L., *Power; Illum.*
Holt, C. B., *Power; Mathematics*
Holtby, F.
Honnell, M. A., *Communication; Electr.*
Honnell, P. M., *Geophysics; Elec. & Comm.*
Hoover, W. G.
Hopkin, A. W.
Horgan, J. D., *Power*
Hori, S., *Electr.*
Horn, H. W., *Illumination*
Horblit, W., *Chem.; Pet.*
Hostetter, J. W., *Power*
Houghton, R. W., *Elec. & Comm.; Physics*
Houston, R. K., *Power; Comm.*
Hovey, B. K., *Power*
Howard, D. G., *Physics; Power*
Howell, A. H., *Power; Electr.*
Howes, D. E., *Electronics; Comm.*
Hudson, P. K., *Elec. & Comm.*
Hughes, M. C., *Power*
Hull, R. H., *Power; Communication*
Hummer, J. L., *Electronics & Comm.*
Humphries, P. H., *Law*
Hunt, E. B., *Elec. & Comm.; Math.*
Hunt, O. D., *Illumination; Power*
Hurley, R. B., *Power; Elec. & Comm.*
Huss, P. O., *Power*
Huydts, L. H. M., *Electronics*
Ibata, R. M.
Irland, G. A., *Power; Elec. & Comm.*
Jakowatz, C. V., *Elect. & Comm.; Math.*
Jamison, J. S., *Power*
Janes, C. W., *Electronics & Comm.*
Janisz, T., *Power; Comm.*
Jansen, D. E., *Elec. & Comm.; Math.*
Jansky, C. M.
Jarand, L. N.
Jatras, S. J.
Jeffries, R. J., *Elec. & Comm.; Physics*
Jenkins, H. M., *Power; Physics*
Jenkins, J., *Power; Comm.*
Jenness, R. R., *Power; Mathematics*
Joerger, J. C., *Electronics; Physics*
Johansen, H. C., *Power*
Johnson, D. L., *Electr.*
Johnson, M. R., *Power*
Johnson, J. H., *Power, Mech. Eng.*
Johnson, J. M.
Johnson, R. E., *Power; Mechanical*
Johnson, W. C., *Electronics & Comm.; Power*
Jones, E. C., *Power*
Jones, E. W.
Jones, H. W., *Power; Physics*
Jones, M. W., *Power*
Jones, R. W., *Power; Control*
Jones, T. F.
Jones, W. R., *Electr.*
Jordan, H. G., *Power*
Jordan, Wm., *Physics*
Karakash, J. J., *Electr.; Math.*
Kay, W. K., *Power*
Keener, C. A., *Power*
Keith, G. M.
Kelly, F. J.
Kelly, M. J., *Power*
Kelsey, J. R., *Electr.*
Kerchner, R. M., *Power*
Kimbark, E. W., *Electr.*
Kimberly, E. E., *Power; Comm.*
King, E. F., *Electr.; Gen.*
King, M., *Communication*
King, S., *Electr.*

Kingsley, C., *General; Power*
Kinney, E. E., *Power*
Kinsloe, C. L., *Power*
Kintner, P. M. *Electr.*
Kirchner, J. W.
Klamm, C. F.
Klein, G. W., *Drawing*
Klekotka, J. A., *Electr.; Physics*
Klingberger, J.
Kloeffler, R. G., *Communications*
Klug, S. H.
Knight, A. R., *Power; Mechanical*
Knipmeyer, C. C., *Power; Mechanical*
Knox, R. F., *Power*
Kochenburger, R. J., *Controls*
Koehler, G., *Electronics & Comm.*
Kofold, M. J.
Koopman, R. J. W., *Power*
Kramer, L. A., *Power*
Kravetz, A. J.
Kraybill, E. K., *Illum.*
Krupnik, S., Jr., *Power; Math.*
Kublak, H. J., *Power; Physics*
Kuhlmann, J. H., *Power*
Kurtz, E. B., *Power; Illumination*
Kusko, A.
Labanauskas, P. J., *Languages; Electr.*
La Cauza, F. E., *Electr.; Physics*
Lago, G. V.
Lais, L.
Lake, R. E., *Communications*
Lamb, J. F., *Power*
Lambert, R. F., *Mathematics*
Lange, E. O., *Power; Industrial*
Langford, J. W., *Elec. & Comm.; Physics*
Lanier, R. E., *Electr.*
La Pierre, W. A., *Power*
Larsen, M. J., *Communication*
Larsen, T., *Power; Physics*
Larson, L. C., *Power, Illum.*
Larson, S. C., *Elec. & Comm.*
Lauchland, L. S., *Power; Math.*
Lawrence, G. M., *Elec. & Comm.*
Leach, H. W., *Power; Physics*
LeBold, W. K., *Illum.; Draw.*
Lee, Claudius, *Physics*
Leffell, W. O., *Power*
Lehman, L. G., *Power; Electronics*
Lett, R. P.
LePage, W. R.
Levine, M. P.
Levy, G. F., *Electronics & Comm.*
Lewis, J. B., *Power; General*
Lewis, R. C., *Power; Physics*
Ley, B. J., *Electr.*
Libbey, W. M.
Lickey, H. F., *Commun.; Illumination*
Liebersohn, A., *Elec.; Power; Hyd.; Mach. Des.*
Lind, M. S., *Power*
Lindblom, R. E., *Power*
Lindon, P. H., *Power*
Lindvall, F. C., *Mechanical*
Linebach, H., *Elec. & Comm.*
Lingelbach, D. D., *Power*
Linke, S., *Power*
Lipkin, L., *Power; Physics*
Litman, S., *Power; Elec. & Comm*
Liu, M., *Power*
Liwschitz-Garik, M., *Power; Physics*
Locke, W. W., *Power*
Lockwood, H. J., *Civil; Mechanical*
Loew, E. A., *Elec.; Power*
Löf, J. L. C.
Lomaz, D. de L., *Elec. & Comm.*
Long, M. W., *Elec. & Comm.; Physics*
Long, V. O., *Power; Electronics; Math.*
Longo, C. V., *Elec. & Comm.; Math.*
Loomis, C. K., *Power; Mathematics*
Lott, A. O., *Power; Mechanical*
Lovan, J. E., *Tech.*
Lovell, A. H., *Power; Econ.*
Lovell, W. E., *Power*
Lovett, I. H., *Power*
Lucas, F. B.
Lucas, R. L., *Math.; Electr.*
Lund, P. S.
Lyon, J. A. M., *Power; Elec.; Math.*
MacKavanagh, T. J., *Power*
Magnusson, P. C., *Power; Math.*
Main, K. L.
Maney, C. T., *Power*
Mann, P., *Power*
Manning, E. G., *Math.; Electr.*
Manninig, M. L., *Power*
Margosian, J. W., *Elec. & Comm.; Aero.*
Markle, E. W., *Power*
Martin, A. J., *Electronics*
Martin, E. R., *Power*
Martin, W. L., *Electr.; Thermo. & Power*
Mason, H. R., *Power*
Masser, C. L., *Electr.*
Mather, N. W., *Elec. & Comm.*
Mathis, H. F., *Math.*
Matsch, L. W., *Power*
Maxfield, H. A., *Power*
Mayo, S. J., *Math.; Power*
McCabe, B., *Electronics; Physics*
McCann, G. D., *Mathematics*
McClain, F. H., *Power*
McClure, O. E., *Power; Physics*
McCormick, J. P.
McCrocklin, A. J., Jr., *Power; Ind. Engrg.*
McCrumm, J. D., *Power; Electr.; Physics*
McEnany, M. V., *Physics*
McFarlin, F. E., *Power; Math.*
McIlroy, M. S., *Power; Sanitary*
McLaughlin, R. B., *Aero.; Electronics*
McLean, L. V., *Elec. & Comm.*
McMillan, F. O., *Power; Physics*
McRight, R. B., *Power; Gen.*
Mede, D. E.
Meier, O., *Power; Illum.*
Melvin, E. A., *Power; Math.*
Merriam, R. W.
Meola, R. R., *Power; Electr.*
Meserve, W. E., *Power; Physics*
Metz, L. C., *Power*
Michalowicz, J. C., *Power; Elec. & Comm.*
Mikhail, S. L., *Power; Math.*
Miller, A. L., *Power; Mathematics*
Miller, C. W.
Miller, H. A., *Electr.*
Miller, J. B., *Power*
Miller, R. W., *Drawing; Tech. Inst.*
Miller, W. J., *Gen.; Electr.*
Millman, J., *Elec. & Comm.; Physics*
Moench, H. A., *Electr.*
Moore, A. D., *Humanistic-Social*
Moore, R. K., *Elec.; Math.; Physics*
Morgan, A. J., *Power*
Morgan, R. B.
Morgan, T. H., *Power*
Morton, P. L., *Industrial Electronics*
Moses, R. G., *Power, Elec. & Comm.*
Mosher, R. F.
Moulton, R.
Muckenhirn, O. W., *Electronics; Math.*
Mueller, G. V., *Power*
Mulligan, J. E., *Power*
Murphy, G. J.
Murray, T. A.
Murray, W. A., *Communication*
Murrish, C. H., *Power; Illum.*
Nadeau, R. L., *Elec. & Comm.*
Naeter, A., *Power*
Nash, C. A., *Power*
Neal, J. P., *Power; Ind.*
Nelson, P. H., *Power; Comm.*
Neteland, C. L., *Power; Drawing*
Nethken, R. T.
Neu, S. S., *Illum.; Power*
Neubauer, R. A., *Physics; Electr.*
Nevaldine, P., *Power; Tech. Inst.*
Newell, H. H., *Communication*
Nichols, B. H., *Power*
Nichols, C. R., *Power; Physics*
Nichols, K. V.
Nichols, M. H., *Elec. & Comm.; Physics*

Nichols, N. B., *Electronics; Physics*
Nilsson, J. W.
Nims, A. A., *Power; Electronics*
Noble, E. T., *Power*
Noland, J. H., Jr., *Power; Electr.*
Nolte, R. E., *Electr.*
Norris, C. B., *Power; Communication*
Norris, F. W., *Electronics & Comm.*
Northcott, J. A., *Power*
Northrop, B. K., *Electr.*
Northrop, M. G., *Power; Comm.*
Nottingham, F. O., *Power; Physics*
Nudd, P., *Power*
Nulsen, W. B., *Power; Mathematics*
Oler, C. B., *Power; Physics*
Olson, R. G.
Onstad, N., *Res.*
Osborn, R. E., *Power; Electronics; Math.*
Osborne, H. S., *Communication*
Osburn, O. E., *Power*
Osterbrock, W. C., *Electronics & Comm.; Math.*
Owen, H. A., *Elec. & Comm.*
Owens, W. J., *Physics*
Padalino, J. J., *Power; Elec. & Comm.*
Paige, A. E., *Power*
Paine, E. B., *Power*
Palmer, H. B., *Power*
Parker, M. C., *Power; Econ.*
Parsons, K. L., *Illum.; Ind.*
Paynter, T. E.
Pearson, D. S., *Power; Physics*
Pearson, S. I., *Power*
Pease, E. M. J., *Mathematics*
Peet, J. C., *Power*
Peirce, G. R., *Power; Illum.*
Pendergast, M. S., *Power; Illum.*
Penney, G. W., *Power; Physics*
Perrone, S. A., *Communication*
Perry, I. D., *Electr.; Math.*
Peterson, H. A., *Power*
Peterson, M. M., *Power*
Pettit, J. M., *Physics; Electr.*
Phillips, E. B., *Power; Aero.*
Philpot, C. P., *Power; Industrial*
Pidcock, R. E.
Pilch, M., *Power*
Plengey, W. D., *Power*
Polcyn, S. J., *Power; Physics*
Polk, O. H., *Power; Ind.*
Pollard, R. Q., *Hydr.; Power*
Porter, G. M., *Power; Math.*
Porter, R. G., *Elec.*
Potter, J. L., *Communication*
Powell, A. P., *Power*
Powers, A. R., *Power*
Powers, D. A., *Electronics & Comm.*
Powley, G. R., *Power*
Preisman, A., *Physics*
Price, J. R., *Power*
Pries, L. F., *Power; Elec. & Comm.*
Pumphrey, F. H., *Power*
Putnam, R. C., *Power; Illumination*
Quisenberry, R. C., *Power; Math.*
Rader, L. T., *Power*
Radford, W. H., *Electronics & Comm.*
Ragazzini, J. R., *Electronics & Comm.*
Rapalski, J. C.
Ravenscroft, H., *Electr.; Physics*
Ray, B. M., *Power; Math.*
Record, F. A., *Electronics; Physics*
Reed, A. L., *Power*
Reed, G. W.
Rehberg, C. F.
Reich, H. J., *Electronics & Comm.*
Reid, E. A., *Power*
Reintjes, J. F., *Electronics & Comm.*
Restemeyer, W. E., *Mathematics*
Reukema, L. E., *Communication*
Reza, F., *Communications*
Rhodes, C. F., *Electr.; Math.*
Rhodes, S. R., *Power*
Rice, P. X., *Power*
Richards, H. E., *Power*
Richardson, G. A., *Electr.*
Ricker, C. W., *Power*
Ritland, H. O., *Electronics & Comm.*
Rittenhouse, J. W., *Power*
Rittenhouse, L. H., *Communication*
Rivard, E. P., *Power; Physics*
Robb, D. D., *Power; Physics*
Robbins, F. D., *Power; Mechanical*
Robertson, L. M., *Power*
Rode, N. F., *Power; Math.*
Rodgers, L. M., *Electronics*
Roediger, F. E., *Elect. & Comm.; Physics*
Roehl, J. E., *Electr.; Math.*
Rogers, W. E., *Physics*
Rollins, E. B., *Power*
Romanowitz, H. A., *Electronics & Comm.; Phys.*
Rook, C. W., *Electronics & Comm.*
Rose, L. H., *Electronics & Comm.*
Rothauge, C. H., *Electronics; Power*
Roys, C. S.
Rudenberg, R., *Power; Physics*
Rumble, C. A., *Math.*
Runkle, L. D., *Elec. & Comm.; Physics*
Rush, P. E., *Power; Elec. & Comm.*
Russ, R. B., *Electronics; Power*
Russell, A. L.
Russell, C., *Power; Illumination*
Russell, F. A., *Electronics; Math.*
Russell, P. E., *Power*
Rustebakke, H. M.
Ryder, J. D., *Electronics & Comm.*
Sabbagh, E. M., *Power; Elec. & Comm.*
Salerno, J., *Electr.*
Sampson, R. W., *Power; Physics*
Sandorf, I. J., *Power; Electronics & Comm.*
Sanford, J. R.
Sarbacher, R. I.
Satullo, A. R., *Electronics & Comm.*
Savage, J. A., *Power; Math.*
Sayre, J. E., *Electr.*
Schart, W. J., *Elec. & Comm.; Math.*
Schatz, E. R., *Power; Physics*
Schealer, S. R., *Power; General Eng.*
Scheckels, G. D., *Power, Comm.*
Schjonberg, C. S., *Power*
Schlesinger, S. P., *Power; Mechanical*
Schmidt, B. M., *Electronics; Physics*
Schoonmaker, L. E., *Power*
Schott, A. E., *Power*
Schreiber, H. F., *Electronics; Power*
Schultz, C. W.
Schultz, F. V., *Electronics; Math.*
Schumann, Fred, *Electronics & Comm.*
Schwartz, E. I.
Schwarzlose, P. F., *Elec. & Comm.*
Scott, G. H., *Elec.; Physics*
Scott, N. R., *Electronics*
Scott, P. A., *Television*
Scott, R. E.
Scull, H. M., *Power*
Seal, P. M., *Electronics & Conn.*
Sebast, F. M., *Power*
Sechrist, G. H., *Power; Electronics*
Seeger, C. L., *Electronics & Comm.*
Seeley, W. J., *Elect. & Comm.; Math.*
Seely, S.; *Power; Physics*
Seibel, R. C., *Electronics*
Seibert, C. B., *Electronics*
Selfridge, B. D., *Electronics; Draw.*
Selleck, R. R., *Power; Math.*
Sells, J. S., *Power; Physics*
Selvidge, H., *Elec. & Comm.; Physics*
Seneff, H. L., *Power*
Shafer, B. R., *Physics*
Shaffer, H. A., *Drawing*
Shank, R. R.
Shaw, C. E., *Power Elec. Illum.*
Sheckels, G. D., *Power, Elec. & Comm.*
Shedd, P. C., *Physics*
Shelton, E. E., *Power; Physics*
Shepherd, M. L., *Ind.*
Shepherd, W. G., *Elec. & Comm.; Physics*
Sheppard, H. S., *Communication*
Shepperd, W. B., *Power; Physics*
Sherman, K. S., *Elec.; Power*

Sherman, W. K., *Electr.*
Shields, P. E., *Power; Elec. & Comm.; Math.*
Shipley, E. D., *Communication*
Shirley, D. W., Jr., *Illum.*
Shorey, L. F., *Power; Electronics*
Sibila, K. F., *Elec. & Comm.; Illum.*
Siegfried, Victor, *Power*
Siler, H. K.
Simrall, H. C., *Power; Illumination*
Sinclair, E.
Sinclair, G., *Elec. & Comm.*
Siskind, R. P., *Electronics & Comm.*
Sitterlee, L. J., *Electr.; Power*
Sitz, E. L., *Power; General*
Skiles, J. J.
Skilling, H. H.
Skitek, G. G., *Physics; Math.*
Skroder, C. E., *Communication*
Slavin, W. A., *Power*
Small, E. H., *Power; Electronics*
Smith, B., *Illum.*
Smith, E. F., *Power*
Smith, E. H., *Elec.; Physics*
Smith, F. W., *Power; Communication*
Smith, G. E.
Smith, G. S., *Power; Mechanical*
Smith, H. G., *Elec. & Comm.*
Smith, H. M., *Power*
Smith, H. T., *Power; Physics*
Smith, H. W., *Power*
Smith, J. S., *Elec. & Comm.*
Smith, M. J., *Power; Math.*
Smith, O. J. M., *Elec. & Comm.; Engl.*
Smith, P. C., *Electronics & Comm.; Power*
Smith, R. J.
Smith, T. C.
Smith, V. G., *Power; Communication*
Smith, W. C., *Elec. & Comm.; Physics*
Smith, W. P., *Power; Mechanical*
Smock, D. O., *Power; Elect. & Comm.*
Sohon, H., *Power; Physics*
Sommerman, G. M. L., *Meas. & Dielectrics*
Sorensen, R. W., *Power; Economics*
Soslowski, T. P., *Power*
Spangenberg, K. R., *Electronics & Comm.; Physics*
Spence, D. W.
Spencer, P. L., *Elec. & Comm.*
Spitzer, C. F., *Power; Elec. & Comm.*
Staake, D. B., *Elec. & Comm.; Math.*
Staniszewski, F. P.
Starr, E. W., *Power*
Stauder, L. F., *Power; Illum.*
Stavely, E. B., *Power, Electronics*
Stein, R.
Stelzner, W. B., *Power; Illumination*
Stenis, T. B., *Electronics; Phys.*
Stevenson, W. D., *Power*
Stiles, A. M., *Power*
Stoker, W. C., *Elec. & Comm.*
Stone, L. N.
Stone, W. D.
Storry, J. O., *Power; General*
Stout, M. B., *Power*
Stout, T. M., *Mechanical*
Straiton, A. W., *Elec. & Comm.; Physics*
Strong, E. M., *Illumination*
Strum, R. D.
Sundstrom, R. J.
Swarm, H. M., *Elec. & Comm.; Math.*
Swenson, G. W., *Electr.; Mech.*
Szymanski, E. A., *Power*
Tang, K. Y., *Power*
Tappan, F. G., *Power; Math.*
Tapy, R. W., *Power*
Tarboux, J. G., *Power*
Tarpley, H. I., *Power*
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Tchou, M. W.
Teare, B. R., *Power; General*
Terwilliger, C. Van O., *Power; Math.*
Thaler, G. J., *Power*
Thomas, M. A., *Power*
Thomas, W. A., *Power*
Thom Forde, C. J., *Electronics & Comm.*
Thomforde, C. J., *Power; Elec. & Comm.*
Thompson, F. W.
Thompson, T. B., *Power*
Thomson, C. R., *Radio*
Thurston, J. N., *Electr.*
Tilles, A., *Power; Elec. & Comm.*
Timble, W. H., *Power; Elec. & Comm.*
Timoshenko, G. S., *Physics*
Tingley, F. T., *Power, Elec. & Comm.*
Tompkins, F. N., *Power; Electronics*
Tompkins, H. E., *Electr.; Physics*
Toppeto, A. A., *Power*
Torgersen, H., *Power*
Tracy, G. F., *Power*
Travis, I., *Research*
Treuett, H. N., *Power; Illum.*
Trueblood, R. O., *Power, Elec. & Comm.*
Tsang, N. F., *Power; Physics*
Tuck, H. P.
Tucker, C. E., *Power; Communication*
Tudbury, C. A., *Power*
Tuma, G., *Elec. & Comm.; Physics*
Turner, H. M., *Physics*
Turner, R. C., *Power; Elec. & Comm.*
Turner, W. W., *Communications*
Tuthill, J. K., *Power; Transport*
Tykociner, J. T., *Electr.; Physics*
Ungrodt, R. J., *Power*
Unk, J. M., *Electr.; Tech. Inst.*
Vail, C. R., *Power; Physics*
Valade, E. A., *Power; Gen.*
Van Meter, D., *Electr.*
Van Nice, R. I., *Psychology*
Van Rennes, A. B., *Elec. & Com.; Phys.; Math.*
Van Valkenburg, M. E., *Elec. & Comm.; Power*
Van Wambeck, S. H., *Power; Commun.*
Van Zile, L. W., *Power & Comm.*
Vater, G. A., *Power*
Veline, R. A., *Power*
Vick, A. T.
Vilander, N. E., *Television*
Vitrogan, D., *Elect. & Comm.; Physics*
Vivell, A. E., *Power; Physics*
Vilet, D. H.
Volk, J. A., *Elec. & Comm.*
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Vulliet, P. O., *Civil; Mechanical*
Wagner, E. J., *Power*
Wahlers, F. A., *Power; Industrial E.*
Waidelich, D. L., *Electronics & Comm.*
Walker, E. A., *Electronics; Physics*
Walker, H. N., *Power; Illumination*
Walker, R. C., *Elec. & Comm.*
Wallace, R. P., *Pat. Engr.*
Wallis, C. M., *Electronics & Comm.*
Walters, L. G., *Electronics; Math.*
Ward, J. E., *Power, Elec. & Comm.*
Ward, R. P., *Electr.*
Ware, L. A., *Electronics & Comm.*
Wareing, J. F., *Electronics & Comm.*
Warner, J. L., *Power*
Warren, C. E., *Mathematics; Power*
Warren, S. R., *Comm.*
Wasserman, B., *Power*
Waters, J. S., *Power; Elec. & Comm.*
Waters, P. G.
Watson, A. E., *Power; Mach. Des.*
Watson, E. W., *Power; Electronics*
Watson, H. M., *Communications*
Waynick, A. H., *Elec. & Comm.; Physics*
Weaver, C. H.
Webb, G. N., *Elect. & Comm.*
Webb, R. T., *Power; Mechanical*
Weber, E., *Elec. & Comm.; Physics*
Weber, J. C., *Power; Physics*
Weeber, R. E., *Electronics*
Weed, H. R., *Elec. & Comm.*
Weil, R. T., *Power*
Weimer, F. C., *Electr.; Power*
Weinberg, P.
Weiner, P. J.
Welch, E. R., *Power*

Werts, L. C., *Elec. & Comm.*
Werwath, H. D., *Electr.; Gen.*
Weston, E. R., *Power*
Wheeler, R. C. H., *Elec.; Physics*
Whipple, C. C., *Power; Illum.*
Whitaker, T. N., *Power; Gen.*
White, D. C.
Whitehead E. R., *Power*
Widener, B. McK., *Illum.; Math.*
Wildes, K. L., *Power; Electronics*
Wiley, J. B., *Power*
Wilkinson, R. I., *Communication; Math.*
Williams, C. K., *Radio; Electronics*
Williams, E. M., *Electronics & Comm.; Power*
Williams, L. E., *Power, Elec. & Comm.*
Willis, B. S., *Physics*
Willis, C. H., *Power; Electr.*
Wilson, D. G., *Elec. & Comm.*
Wilson, H. C., *Radio*
Wilson, J. W., *Power; Illum.*
Wiltse, S. B., *Power*
Wing, A. H., *Comm.; Power*
Winkler, E. W., *Power; Illum.*
Winn, A. L., *Electronics; Math.*
Winsor, L. P., *Power*
Wischmeyer, C. R., *Elec. & Comm.; Gen.*
Wischnia, H. F., *Elec. & Comm.*
Wise, E. M., *Mechanical*
Wiseman, R. S., *Illum.*
Wohlford, J. E.
Wilf, E. G., *Elec. & Comm.; Gen.*
Wolf, H., *Power; Elec.; Math.*
Wood, F. P., *Mathematics; Power*
Wood, J. A., *Elec. & Comm.; Physics*
Wright, D. H., *Power; Illumination*
Wright, O. L., *Communication*
Wright, R. R., *Electronics; Power*
Yamauchi, T. T.
Yang, T., *Electronics; Physics*
York, V. O., *Power; Aero.*
Young, M. G., *Electronics & Comm.; Power*
Young, R. W., *Electronics; Power*
Yund, H. D., *Radio*
Zarem, A. M., *Elec. & Comm.; Physics*
Zaret, M. E., *Elec. & Comm.*
Zengel, J. F. P., *Electronics & Comm.; Physics*
Zern, R. T., *Elec. & Comm.*
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Zweig, F., Power; *Elec. & Comm.*

ENGINEERING DRAWING

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Adams, W. E., *Aeronautics*
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Allen, S. C., *Shop. & Mech. Arts*
Altman, H. S., *Min. Tech.*
Amaral de Mattos, J. Z., *Math.*
Anderson, J. A., *Shop & Mech. Arts*
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Anderson, V. W., *Mach. Des.*
Andrews, A. H., *Surv.; Struc.*
Appleby, A. N., *Machine Design*
Arnold, J. N., *Gen. E.*
Atkinson, M. B., *Industrial*
Autenreith, G. C., *Mechanical*
Bacon, P. A.
Baer, C. J., *Personnel*
Barber, C. S., *Shop*
Bauer, F. S., *Machine Design; Draw.*
Beach, H. L., *Mathematics*
Bell, J. A., *Gen. E.*
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Bentley, M. W.
Berard, J. S., *Mechanical; Mach. Des.*
Bettencourt, W., *Machine Design*
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Bigelow, A. L., *Structural*
Binns, F., *General*
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Blackman, J. S., *Mech. & Mat.*
Blade, M. F., *Industrial; Mach. Des.*
Blake, C. D., *Shop & Mech. Arts*
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Blakeslee, H. W., *Marine Eng.*
Bleikamp, R. C.
Bockhorst, D. F., *Chemical*
Boehmer, H., *Gen. Eng.*
Bokenkamp, H. J.
Bone, H. K.
Borkert, J. J., *Mechanical*
Borri, R., *Shop & Mech. Arts*
Bowes, W. H., *Mechanics*
Boyd, H. S., *Math. & Survey.*
Bradbury, D. W., *Mach. Des.*
Bragg, F. C., *Mech. & Mat.*
Brattin, C. L., *Machine Design*
Bredendieck, H., *Des.*
Brille, B. J.
Brock, E. H., *Sanitary*
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Brownell, T. C., *Mechanical*
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Buchanan, W. D.
Buck, C. P., *Civil; Surveying*
Bullen, P. W.
Bunker, A. H., *Des. Geometry*
Burnett, J. R., *Metallurgy*
Burris, L., *Industrial*
Butler, J. H., *Mechanical; Mechanics*
Carlson, C. I., *Mechanical*
Carpenter, C. F., *Mechanical; Mach. Des.*
Carter, A. H., *General*
Castle, D. W., *Civil; Survey*
Castleman, J. R., *Civil; Draw.*
Christianson, L. C., *Mathematics*
Clausen, J. N., *General*
Clear, J. A., *Mathematics*
Cleary, S. F., *Mechanical, machine design*
Clemens, G. J., *Gen. E.*
Coke, J. M., *Min. Tech.; Geology*
Cole, R. C., *Meth. & Mat.*
Cole, R. W.
Coleman, R. M., *Agric.; Arch.*
Collins, B. K., *Mach. Design*
Conner, J. S.
Cook, D. I., *Machine Design*
Coons, S. A.
Cooper, C. D., *Mechanical*
Cooper, L. L.
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Coventry, N. M., *Architectural*
Coyne, D. I., *Architecture*
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Cramer, G. E., *Shop. & Mechanic Arts*
Crossman, R. S., *Civil, surveying*
Culver, E. G., *Mach. Des.*
Cushman, O. F.
d'Amato, G. A.
Danforth, H. E., *Architecture*
Daniel, L., *Mech. & Met.*
Davey, J. T., *Machine Design*
Davidson, W. W., *Ind.; Mach. Des.*
De Lee, J. L., *Civil*
Dembski, M. V. J.
Denis, Bro. A., *Mathematics*
Dent, J. B., *Civil; San. E.*
Dessauer, W. E.
DeVaney, A. F., *Math.*
Devine, J. J., *Civil*
Dimatteo, J. E., *Physics*
Dixon, D. P., *Architecture*
Dobbins, G. S., *Mechanical*
Dobrovolny, J. S., *Mechanical*
Doke, H. B.
Douglas, C. E.
Dowling, E. J., *English*
Doyle, R. E., *Mechanical*
Dunkle, R. W.
Dwight, R. W., *Mfg. Proc.*
Ebert, E. D., *Civil*
Eckle, J. N., *Civil, structural*
Edstrom, A. E., *Arch.; Des.*
Eggers, H. T. C., *Mathematics*
Eldredge, H. G., *Mech. & Mat.*

Ellis, I. L., *Mech. & Mat.*
Elrod, S. B., *Mechanical*
Eubanks, W. H.
Enburg, J. T.
Eichelberger, M. B., *Mechanical*
Fairbanks, O. W., *Mach. Des.*
Farnham, W. E., *Mechanical, mach. des.*
Felbarth, W., *General*
Fenwick, H. H., *Industrial; Mechanical*
Ferzoco, P. H., *Mach. Des.*
Finch, F. R., *Mechanical, machine design*
Fowler, R. W., *Mechanical, mach. design*
Fox, B. B.
Francis, W. H.
Freer, W. V.
French, T. E.
Frey, G. J.
Friederich, A. G., *Mfg. Proc.*
Frisch, J., *Mach. Des.; Mfg. Proc.*
Fullmer, D. M., *Aeronautics*
Futral, S. M.
Garland, C. F.
Gaskell, A. S., *Mach. Des.*
Gatcombe, E. K.
Gelinas, M. E., *Mathematics*
Gibson, J. O., *Mathematics; Geol.*
Giesecke, F. E., *Arch. E.*
Godfrey, E. C.
Goppert, H. R.
Gordon, I., *Mechanical*
Gorman, W. M., *Shop*
Grant, H. E.
Grant, R. W., *Mfg. Proc.*
Gray, J. L., *Gen. Eng.*
Greaver, L.
Griffith, F. O., *Electronics*
Griswold, E. M., *Machine Design*
Gulden, K. R.
Haas, G. W.
Haentjens, C. H., *Mathematics*
Hagen, R. R.
Haines, H. N., *General*
Hainey, M. F., *Electrical*
Hales, V. D.
Halik, G. W.
Hall, C. E.
Hall, S. G., *Mech. & Mat.*
Hamilton, H. C., *Mach. Des.*
Hammett, C. E., *Mach. Des.*
Hammond, A. F., *Des.*
Hammond, R. H., *Mach. Des.*
Hanrahan, G. E.
Hang, R. I., *Chem. E.*
Hansen, W. E., *Structural*
Hardaway, B. A., *Civil*
Harris, E. K., *Heat Power*
Harris, H. E., *Math.*
Harris, M. P., *Mechanics*
Hart, B. E.
Hartley, T. C., *H. V. & A. C.*
Hathaway, A. S., *Civil; Survey.*
Hawk, M. C., *Mathematics*
Hayes, C. P., *Architecture, General*
Heacock, F. A., *Civil; Sanitary*
Headland, C., *Mfg. Proc.*
Hebrank, E. F., *Metallurgy*
Hedinger, H. E., *Math.; Shop*
Heimerich, J. J., *Architectural*
Heltzel, E. N., *General E.*
Hendricks, J. W.
Henke, F. X., *Architectural*
Henry, H. L., *Machine Design*
Heppinstall, R. S., *Mach. Design*
Hesse, H. C., *Mechanical, machine design*
Hessemer, P., *Des. Geometry*
Heyden, O. F.
Hicks, S. F., *Civil; Struc.*
Higbee, F. G.
Hightower, R. L., *Electrical*
Hill, I. L., *Shop*
Hill, P. H.
Hinkle, R. T.
Hnath, N., *Shop & Mech. Arts*
Hoelscher, R. P., *Civil*
Holladay, D. M.
Holman, L. W., *Architecture*
Hood, G. J.
Horine, J. S.
Houston, H. S.
Howe, H. B.
Howes, V. E., *Machine Design; Arch.*
Hubbell, W., *General*
Hughes, D. G., *Personnel*
Hughes, F. R., *Civil, surveying*
Huzarski, R. G., *General; Arch.*
Irwin, V. W.
Jemison, W. F., *Gen.; Air Science*
Jennings, T. S., *Mech. & Mat.*
Johns, W. B., *Mechanics and Materials*
Johnson, A. E., *Industrial*
Johnson, L. O., *Civil*
Johnson, M. F., *Civil; Mathematics*
Jones, L. D., *Secy., Coll. of E.*
Jordan, F. E., *Civil*
Jorgensen, Albert, *Civil; Mech. & Mat.*
Kamm, A. J., *Mech. & Mat.*
Kauzlarich, J., *Graphics*
Kearns, C. H.
Keller, A. D., *Industrial*
Kepler, H. B., *Mech. & Mat.*
Kerr, A. A., *Physics*
Kinner, H. G.
Kirby, L. R.
Kittinger, W. T., *Electrical*
Kleinhenz, W. A.
Kliphardt, R. A., *Math.*
Knebel, A. H., *Math.*
Knutsen, H. W., *Mech. & Mat.*
Koski, P. I.
Kostos, F. C., *Mathematics*
Krause, H., *Arch. E.*
Kurtz, J. W., *Shop*
Ladner, A. C., *Math.*
Lagaard, M. B., *Surveying*
Lake, W. H.
Lamble, J. S., *General*
Larson, B. O., Civil; *Soil Mech.*
LaRue, R. D., *Civil*
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Leidel, F. O.
Leighton, A. W., *Personal*
Lenhart, J., *Sanitary*
Lewis, E. H., *Shop*
Lewis, R. E., *Ind. Eng.*
Livas, H. L., *Architectural*
Livermore, J. D., *Architecture*
Livingston, N. B.
Love, W. B.
Loving, R. O., *Mathematics*
Ludden, D. J., *Architectural*
Lushine, J. A.
Luzadder, W. J., *General*
Lyon, D. R., *Mechanical; Sanitary*
Machovina, P. E.
Maechler, H. C.
Magnuson, E. G.
Mallon, A. H., *Struc.; Mech.*
Manuel, F. A.
Mara, H. W., *Mathematics*
Marion, C. P., *Geological Engrg.*
Markowitz, J.
Marsh, M. R., *Surveying*
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Mathauser, E. E., *Mech.; Gen.*
Mathes, S. R.
Maxson, G. R.
McClung, J. D.
McCully, H. M., *Mechanical*
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McDonald, C. T.
McDowell, E. H., *Draft.*
McFarland, J. D.
McGuire, J. G., *Arch. Eng.*
McGuire, N. C., *General Eng.*
McKee, H. L., *Mechanical*
McNear, W. F., *Mechanical*
McNeary, M., *Mechanical; Mfg. Proc.*
Messenheimer, A. E., *General*

Middleton, L. B., *Arch.*
Miller, D. B.
Miller, E. W.
Miller, H. W.
Minkler, H. T.
Minor, O. E., *Mechanical*
Monahan, R. E.
Moore, E. R., *Shop*
Moore, R. J., *Geometry*
Moore, T. E.
Moose, P. E., *Civil, surveying*
Morgan, J. M.
Morris, F. C., *Arch. E.*
Mudgett, A. G., *Shop*
Mueller, R. F.
Mullins, B. F., *Civil, surveying*
Mummert, H. B., *Electrical*
Myers, H. D., *Civil, structural*
Nash, T. L., *General Physics*
Neal, H. P., *Mechanical*
Nellis, A. A., *Shop & Mechanic Arts*
Nelson, H. C.
Nelson, W. L., *Mechanical; Mach. Des.*
Nettleton, E. B.
Nevin, F. E., *Mechanical; Mach. Des.*
Newby, G. E., *Architecture*
Newton, C. A.
Nollau, L. E., *General*
Noren, O. E.
Northrup, R. T., *Industrial*
Nyerges, G. A.
O'Callahan, K. B.
O'Connell, J. E.
Oliver, J. P.
Oliver, R. M., *Mach. Des.*
Olsen, L. E.
Olson, O. A., *Mechanical*
Orbeck, M. J., *Civil*
Orth, H. D.
Osborn, F. C., *General Eng.; Shop*
Osthues, B. B., *Machine Design*
Paffenbarger, R. S., *Industrial*
Palmer, L. G.
Palmerlee, A. S.
Pankratz, G. E., *Machine Design*
Panuska, F. C., *Psychology*
Paré, E. G., *Civil*
Parham, G. H.
Parker, V. C., *Mechanical*
Parkinson, R. W., *Chem. E.*
Patterson, M. H., *Humanistic-Social*
Paul, G. W., *Math.*
Paul, R. L., *Mach. Des.*
Paulsen, Fridtjof, *Math.; Mechanical*
Pearce, F., *Surveying*
Pearson, J. E., *Aeronautics*
Penney, D. L., *Mach. Des.*
Perkins, R. B., *Mfg. Proc.*
Perrymen, C. C., *Industrial*
Petty, E. E.
Phelan, R. M.
Philby, A. J., *Mechanical*
Platt, E. K., *Architecture*
Plehn, B., *Gen. Eng.*
Plock, H. J., *Civil*
Polaner, J. L., *Mechanical*
Porsch, J. H., *Struct.*
Potter, O. W., *Math.*
Potts, P. O., *Mech. & Mat.*
Prewett, C. H., *Shop*
Putnam, G., *Mathematics*
Quaid, L. J., *Hydraulics; Math.*
Rackway, J. S., *Mech. & Mat.*
Radford, S. S., *Industrial*
Ransdell, C. H., *Machine Design*
Rappolt, F. A.
Ratterres, W. B.
Reed, E. O., *Min. Tech.; Metal.*
Rehm, R. W.
Remde, A. O., *Arch.*
Reynolds, R. W., *English; Graphics*
Rising, J., *Educn. Meth.*
Rising, J. S., *Mechanical*
Ritter, R. L.
Roberts, J. M.
Robertson, J. E., *Mathematics*
Rodes, H. P., *General; Hum.-Soc.*
Rogers, C. J., *Gen. Eng.*
Rogness, M. L.
Rohr, W. F., *Mathematics*
Rook, G., *Electrical*
Rowe, C. E.
Rule, J. T., *Mathematics*
Rushing, J. F., *Civil*
Russ, J. M., *Mechanical*
Sagady, A. J.
Sagan, S. D., *Mech. & Mat.*
Saltz, F.
Sanderson, A. E., *Struc.; Survey.*
Sauder, J. L., *Mechanical*
Sanders, C. G.
Sauer, F.
Schamehorn, E. C.
Scheinman, J.
Schermerhorn, J. R.
Schick, L. E., *Civil; Surveying*
Schlegel, E. J.
Schone, F. P., *Mach. Des.*
Schruben, L. R., *Electrical*
Sedlander, N. R.
Seeger, J. C., *Sanitary*
Selfridge, B. D., *Electrical; Shop*
Senne, J. E., *Thermo. & Power*
Shaffer, H. A., *Power*
Shallene, W. E., *General*
Shapiro, S. E., *Architecture*
Sharoff, M., *Math.; Aero.; Mech. & Mat.*
Shaw, G. M., *Tool Engrg.*
Shick, W. L., *Arch.*
Shiels, K. G., *Mechanical*
Shigley, J. E., *Machine Design*
Shelley, V. C.
Shupe, H. W., *Architecture*
Sieh, W. D., *Mechanical; Mach. Des.*
Silberg, S. S., *Mach. Des.*
Singer, D., *Math.; Civil*
Skamser, H. P., *Commun.*
Slantz, F. W., *Civil*
Smiley, F. E.
Smith, G. B.
Smith, S. B., *General*
Smith, W. H., *Personnel*
Smutz, F. A., *Mechanical, machine design*
Sowers, O. R.
Spalding, F. L., *Industrial*
Spencer, H. C., *Architecture*
Spenner, F. J., *Electrical*
Springer, C. H., *Civil, structural*
Springer, R. D., *Construction*
Stafford, A. B., *Aero.*
Stark, L. E.
Starr, M. O., *Economics*
Steffens, L. A., *Civil*
Stevason, C. C., *Shop*
Stewart, E. H., *Architecture*
Stock, O. L., *Architecture*
Stoelk, H. W., *Mach.; Tool & Die*
Stone, O. M., *Architecture*
Stoneking, C. E., *Math.*
Stork, W. L., *Mfg. Proc.; Shop. & M. A.*
Strait, J. M., *Survey.; Mechs.*
Street, W. E., *General*
Svensen, C. L.
Taylor, W. H., *Mech. & Mat.*
Tea, P. L., *Mathematics*
Temlitz, R. L., *Mech. & Mat.; Draw.*
Temple, E. H., *Mechanical, mach. design*
Thayer, H. R., *Civil; Sanitary*
Thomas, A. L., *Mechanical, mach. design*
Thomas, L. W., *General*
Thomas, N. D., *Civil*
Thompson, C. H., *Human-Social*
Thompson, H. C., *Machine Design*
Townsend, C. E., *Machine Design*
Tozer, E. F., *Mechanical*
Tsuda, G. H.
Tulock, J. L., *Electr.*
Turner, W. W., *Architecture*

Tursich, E. J.
Tuthill, S. P., *Mechanical*
Vasconelles, H. J., *Mech.*
Videto, H. E., *English*
Vlerck, C. J., *Mechanical*
Vreeland, H. W., *Electrical*
Wagner, W. O., *Hydraulics*
Walker, L. D., *Civil, surveying*
Walker, L. D., *Surveying*
Walsh, C. J., *Architecture*
Walsh, F. W., *Architecture*
Walsh, H. V., *Architecture*
Warner, F. M., *General*
Watkins, F. E.
Waymack, R. W., *Ind.; Gen.*
Webb, A. O.
Weidhaas, E. R., *Mach. Des.*
Welch, H. E.
Wellman, B. L., *Mechanical*
Wenner, E. V., *Architecture*
White, F. D., *Physics*
Whitehead, H. G., *Industrial*
Wickham, R. C.
Wilder, R. A.
Wilson, G.
Wilson, L. C.
Wilson, W. H.
Wladaver, I., *Des. Geometry*
Wood, A. B.
Wood, J. N., *Machine Design*
Worsencroft, R. R., *Transportation*
Wortman, R. P., *Gen.*
Wright, W. F.
Wright, W. J. T., *English*
Wyatt, E. M., *Arch. E.*
Yarrington, P. T., *Agric.*
Young, H. R.
Young, L. E., *Struc.*
Zanotti, G. S., *Mech. & Mat.*
Zellmer, E. J., *Elec. & Comm.*

ENGLISH

Abbuhl, Fred, *Debate*
Arnold, C. K., *Human-Social*
Ayers, J. A., *Psychology*
Bartlett, H. R., *History*
Bezanson, W. B.
Birk, W. O., *Human-Social*
Blickle, M. D., *Human-Social*
Bloxsome, J. L., *History*
Bowman, R. S., *Foreign Lang.*
Boyd, L. E., *Human-Social*
Brackett, R. D., *Speech*
Brandt, C. G.
Brown, C. A., *Human-Social*
Bryant, L. S., *Human-Social*
Buchan, A. M., *Human-Social*
Christensen, G. J., *History*
Collester, C. H., *Librarian*
Condit, C. W., *Hum.-Soc.*
Conklin, W. T., *Human-Social*
Cory, A. M.
Creek, H. L., *Human-Social*
Crouch, W. G., *History*
Cumberland, R. W.
Davis, C. R.
Donahue, T. L.
Dumble, W. R.
Durkee, F. M., *Human-Social*
Eaton, P. C.
Ernst, E. H., *History; Tech. Inst.*
Estrin, H. A., *History*
Farrell, T., *Humanistic-Social; General*
Fatout, P.
Fear, A. J., *Speech*
Flint, P. H., *History*
Fountain, A. M., *Electrical*
Gadbow, V. L., *Soc. Sci.*
Godfrey, W. P., *Human-Social, General*
Gould, J. R.
Gray, C. H., *Human-Social*
Greiner, O. A., *Languages*
Griffin, E. G.
Guthrie, L. O., *Psychology*
Hall, A. V.
Hartley, L. C.
Hawk, H. W., *Human-Social*
Higginbottom, E.
Hodges, J. C.
Hoffman, L. S. S.
Holub, P. F., *Languages*
Howell, A. C., *Human-Social*
Humphrey, J. E.
Johnson, G. W., *Human-Social*
Jones, W. P.
Keables, N. C., *History*
Keck, W. M.
Kelley, H. H., *Humanistic-Social*
Kerr, A. S., *Human-Social*
Knoll, H. B.
Lacy, E. W.
Laity, W. C., *History*
Leggett, G. H., *Humanistic-Social*
Lingeman, C. A.
Lippert, J. W.
Lowe, W. J., *Psychology*
Lynch, W. S., *Humanities*
MacFarlane, C. S.
Maloney, L. D.
Marshall, R. P., *English*
McCann, F. T., *Pet. & Nat. Gas*
McClintock, E. C., *Economics; Libr.*
McGehee, E. M.
McLean, W. G., *Electrical*
Miles, M. A.
Mills, B.
Mitchell, J. H.
Mock, C. O., *Drawing*
Nyland, W. S., *Human-Social*
Olmsted, S. P., *Human.-Social*
Packard, T. H., *Drama*
Parrott, A. A., *Mathematics*
Pence, R. V.
Perry, W. H., *Human.-Social*
Pitman, J. H., *Humanistic-Social*
Price, S. R., *Lang.; Human.-Social*
Rainey, G. W.
Ramsay, R. H., *Speech*
Raw, R. M., *Psychology*
Read, H. M.
Renz, M. F., *Psych.*
Richardson, W. H., *Human-Social*
Rider, M. L.
Rose, L. A., *Foreign Lang.*
Russell, D. A., *Human-Social*
Saidla, L. E. A., *Psychology*
Sherman, T. A.
Souther, J. W.
Stark, S., *Human-Social*
Stevens, H. L.
Stillman, D. G., *Social Studies*
Taft, F. L., *Languages*
Terrell, C. F.
Thomas, J. D., *Asst. Reg.*
Thompson, K. O.
Thompson, P. V., *Human-Social*
Thornton, J. E., *Economics*
Turner, W. P.
Tuttle, R. E., *Coord.*
Ulman, J. N., *Human-Social*
Ulrich, J. R.
Urbach, W. F., *History*
Van Dyke, J. R.
Vaughan, J. L.
Walker, M.
Walter, J. A., *Humanistic-Social*
Weimer, M. E., *Hum.-Soc.*
Wells, A. E.
Wilcox, E. R., *Civil, hydraulics*
Wilcox, J. E., *Electrical, power*
Willey, E. C., *Machine Design*
Williams, H. G.
Williamson, H. A., *Psychology*
Woolford, M. K.
Wright, A.
Wykoff, G. S., *Humanistic-Social*

Young, H. R.
Zink, V. M.

GENERAL ENGINEERING

Abul-Fetouh, A. H.
Adams, H. C., *Naval & Marine*
Adams, S. F., *Mechanics*
Addison, G. I., *Coördination*
Albach, W. H.
Allbritton, J. H.
Aldrich, L.
Albach, W. H., *Mechanics*
Ambrosio, A.
Antzes, H. L., *Drawing*
Applegate, J. M., *Drawing*
Avery, D. E., *Mech. Eng.*
Avila, F. W.
Ayers, M. T., *Civil*
Ayre, R. S., *Civil*
Bahme, C. W., *Fire Protection*
Balber, A.
Baldwin, E. N., *Production Engrg.*
Ballard, L. J.
Barber, W. J.
Batchelor, H. B.
Bates, M. E.
Beane, J. A., *Drawing*
Beck, W. M., *Math.*
Beggs, J. S.
Bennett, J. A.
Bergren, E. L.
Billingsley, J. D., *Ordnance*
Bishop, M. C., *Industrial Des.*
Blanchard, F. H., *Lec.*
Blickensderfer, H., *Civil*
Bliesner, G. H.
Boehmer, H., *Drawing*
Bolton, J. H., *Editor*
Bolz, H. A., *Industrial; Mach. Des.*
Bordt, F. J.
Botkin, K. E.
Bowes, W. H., *Civil; Mechanics*
Brady, S. J.
Brandstetter, F. X.
Bromberg, R.
Brown, R. Q., *Drawing*
Bubb, F. W.
Burdett, R. W., *Tech. Inst.*
Cagnoni, G. J.
Campbell, B.
Campbell, R. B.
Capuro, A. D.
Cardin, C. J., *Mechanical; Mech. & Mat.*
Carter, A. H., *Arch.*
Chambers, C. A.
Childers, G. H.
Coles, F.
Collier, H. E., *Mech. & Mat.*
Conley, W. J., *Mechanical*
Cowles, H. A.
Cox, W. N., *Safety Engrg.*
Crain, H. M., *English*
Crate, H. W., *Architecture*
Cronin, J. L.
Crowder, B. A.
Curl, G. W.
Cushing, R. F.
Davis, F. W., *Photography*
Dana, F. C., *Economics; Engrg. Valuation*
Dawson, C. H.
Dembski, M. V. J.
DeSousa, J. C. C., *Grad. Stud.*
Dietrich, H. F.
Dillon, J. C.
Douglass, C. E., *Drawing*
Douglass, D. R., *Aeronautics*
Dreifke, G. E.
Eldin, H. K.
Elsey, E. E.
Emery, D. L.
Engel, E. D., *Edu. Adm.*
Fairbrook, J. G., *Drawing*
Farquharson, K. J.
Feigen, M.
Feldman, E. S.
Ferguson, J. L., *Psychology*
Fetterley, G. H., *Physics*
Fitzhugh, P. M.
Fixen, V. L.
Flanter, A.
Fogarty, W. P., *Mechanics*
Fogel, C. M., *Electrical*
Foley, J. P.
Fort, B. B.
Foster, C. A. B., *Math.*
Fotis, C. W., *Tr. Coord.*
Fox, S., *Accicy.*
Foy, G. A.
Frankel, J. P.
Fraser, B.
Froula, H. C., Jr.
Garver, G. H.,
Glenn, W. H.
Glover, L. E., *Mech. & Mat.*
Goppert, H. R., *Drawing*
Graney, M. R., *Drawing*
Grant, D. H.
Green, E. L.
Griffin, N. D., *Math.; Tech. Inst.*
Grogan, P. J.
Guillou, R.
Guinn, J. R.
Gullikson, A. C., *Draw.*
Hall, S. G., *Drawing*
Hammer, V. B., *Civil Eng.*
Hammond, R. H., *Drawing; Mach. Des.*
Haritonoff, A., *Tool*
Harley, J. D.
Harris, J. B.
Hassler, G. L.
Heinlein, D. M., *Science*
Hempstead, J. C., *Economics*
Hershberger, W. D.
Hetzel, T. B., *Eng. Drawing; Mechanical*
Hirsh, F.
Hodge, A. J.
Holcomb, R. M., *Civil*
Hollister, C. H.
Horonjeff, R.
Horton, E. M.
Howard, R. L.
Hunter, K.
Hyde, T. E.
Jenks, J. F.
Johnsrud, O. N.
Kane, E. D.
Kaufman, M.
Kelsey, E. L.
Kimball, L. E.
King, H. J.
Kinslow, R., *Mechanics; Draw.*
Kirchgessner, J. F.
Knapp, W. J.
Kravik, R. C.
Kreider, M. J.
Kronsbein, J.
Kunse, R. M., *Tech. Inst.*
Lackey, J. M.
LaPrade, G. L., *Science*
Lascoe, O. D., *Ind.; Shop; Mfg. Proc.*
Lebell, D., *Elect. Eng.*
Lillie, J.
Lineback, H., *Shop & Mechanics*
Lockwood, H. J.
Lockwood, R. M., *Aeronautics*
Lof, R. V.
Logan, L.
Loye, D. P.
Lund, C. E.
Lytle, N. E.
Macartney, T. W., *Civil Eng.*
Main, C. T., *Industrial*
Manildi, J. F.
Marchant, J. H.
Marcus, L.
Marek, C. T., *Industrial*

Martin, B. W., *Drawing*
McBee, D. L., *Mechanical*
McDonald, A. P., *Electrical*
McKean, J. P., *Industrial*
Merrill, R. A., *Industrial*
Messer, R. E.
Miner, H. R.
Mock, C. O., *Drawing*
Mooney, C. V.
Moore, W. C.
Nelson, H. C., *Engrg. Sc.*
Nesbitt, R. E.
Newby, G. E.
Nunn, T. R.
O'Brien, P. F.
Oehmke, G. R.
O'Neill, R. R., *Mech. & Mat.*
Oswald, R. C.
Owen, S. P., *Drawing; Ind. Eng.*
Park, F. R.
Parke, E. C.
Parker, E. M.
Parkinson, H. N., *Draw.*
Parr, K. E., *Shop*
Paul, A. N.
Peacock, D. E.
Poerschke, W. H.
Polentz, L. M.
Prewett, C. H.
Pugh, R. N., *Mech. & Mat.*
Pyke, D. L.
Quick, R. T., *Tech. Inst.*
Radcliffe, D. G., *Architectural*
Ravenscroft, H. A., *Eng. Draw.; Mech.*
Rhodes, C. F.
Rice, H. F., *Civil Eng.*
Rice, E. K.
Rich, L. E.
Richardson, M. B., *Ind. Rel.*
Richardson, R. L.
Ritland, H. O.
Roberts, M. D., *Shop & Mech. Arts*
Rollins, F. W.
Rosenstein, A. B.
Rowlands, T. M., *Naval Arch.*
Sanchez, J. H., *Civil*
Satterley, W. O., *Shop & Mech. Arts*
Scheinman, Jay
Schneider, R. R.
Scholl, L. W., *Tech. Inst.*
Schott, F. W.
Scodellaro, P. M.
Scrivner, C. A.
Seiler, J. N.
Setterberg, W. N.
Sharp, D. W.
Simpson, C. E.
Skoglund, V. J.
Smith, G. E.
Snow, M. Y.
Snyder, N. F.
Snyder, P. C., *Tool Engrg.*
Stamps, T. D.
Stanley, J. E., *Mech. & Mat.*
Steinkamp, A. L., *Social-Human.*
Stephans, C. H.
Stinson, S. T., *Mech. & Met.*
Street, D. T.
Swift, J. L.
Swink, C. W.
Tanger, G. E.
Taylor, C. L., *Biotechnology*
Thomas, W. E.
Thompson, V., *Human-Social*
Thor, E.
Thorne, J. R.
Tinning, G. M.
Trautman, D. L., *Elect. Eng.*
Tucker, R. E., *Math.*
Urian, G. G.
Van Skiver, W. W.
Vasconcelles, H. J.
Verry, D. H.
Videto, H. E., *Forestry*
Wadsworth, J. D.
Wagner, S. S.
Walker, C. L.
Walraven, H. D.
Wanless, R. A., *Personnel*
Wardell, A.
Warner, F. M., *General*
Webb, A. O.
Weber, H. S., *Mechanics and Materials*
Weinberg, E. B., *Ed. Adm.*
Wellman, B. L., *Mech.; Mech. & Mat.*
Wheelock, E. E., *Elec.*
Whenman, J. H., *Mechanical*
Whittemore, R. R.
Wilkerson, R. T.
Williams, D. G.
Williamson, J.
Wilson, E. R., *Mechanical, mach. design*
Winkler, S. H.
Wood, A. B., *Mechanical, machine design*
Wood, J. N., *Electrical illumination*
Woodbury, J. N., *Ind. Relations*
Worsencroft, R. A., *Civil*
Wright, P. W.
Wright, T. A.
Wright, W. J. T., *English*
Wulf, H. E. J.
Zozzora, F., *Drawing*

HUMANISTIC—SOCIAL STUDIES

Aiken, W. A., *Hist.*
Akey, W. W., *Psych.*
Atwood, L. L., *History*
Baker, T. E., *Pol. Sci.*
Barnard, N. H., *Assoc. Sec.*
Blickle, M. D., *English*
Brewer, E. L.
Caldiero, F. M., *English*
Carter, C. L., *Psych.; Physics*
Chapman, S. W., *Engl. & Hist.*
Collins, H., *Hist.*
Cumberland, R. W., *English*
Davis, H. L., *Psych.; Pers. Rel.*
Embler, W. B., *English*
Foster, C. I., *Hist.*
Foster, L. F., *Speech*
Gilmer, B. V. H., *Psych.*
Girvin, H. F.
Good, R. A., *Hist. & Geog.*
Grant, H. H., *Economics*
Gregory, C. E., *Econ.; Hist.*
Grover, K. N.
Gullette, G. A., *English*
Guthrie, L. O.
Hall, A. V., *English*
Hanson, A. E., *Psych.; Ind. Rel.*
Headdy, P. P., *Hist. & Engl.*
Heideman, B. R. M., *Hist., Geo., Pol. Science*
Heimonen, H. S., *Geology*
Hicks, W. N., *Psychology*
Hildebrant, H. E., *Psychology*
Johnson, A. P., *Psych.*
Kiehl, R. E., *Psych.*
Klitgord, O.
Kopas, J. S., *Psych.; Electrical*
Krathwohl, W. C., *Psych.; Math.*
Krauss, M. L., *Hist.*
Labanauskas, P. J., *Coop. Ed.*
Laity, W. C., *English; Hist.*
Long, E. L., *Philosophy; Physics*
Luker, A. G., *Economics*
Lyman, J. H., *Psych.; Ind.*
Marble, H. E., *Psych.*
Meserve, G. H., *Drawing*
Millor, W. J., *Languages*
Moore, J. E., *Psych.*
Mount, G. E., *Psych.; Ind. Rel.*
Murphy, J. H., *Law*
Naiden, J. R.
Nash, R. W., *Engl.; Hist.; Psych.*
Palmerton, L. R., *Psych.*
Paul, E. W., *Economics*

Porter, J. M., *Psych.; Meas.-Guid.*
Price, M. D., *Psych.*
Price, S. R., *Engl.*
Proctor, W. J.
Rein, D. M., *Languages*
Rupp, N. C., *Engl.*
Schaefer, V. G., *Psych.*
Scharf, R. S., *Soc. Science*
Scheifley, E. I., *Languages; Hist.*
Shurrager, P. S., *Psych.*
Shurter, R. L., *English*
Souther, J. W.
Spiegel, D. K., *Econ.; Ind.*
Stephans, C. H., *Ind. Relations*
Stong, H. W., *Draw.; Pers.*
Sullivan, J. M., *Psychology*
Surratt, I. W., *English*
Swartz, B. K., *Psych.; Econ.*
Sweeney, J. W.
Thompson, K. O., *English*
Walten, M. G., *English*
Williamson, H. A., *English*
Widdop, R.
Wood, E. L.
Woolford, M. K., *Psych.*
Wright, A., *Engl.*

INDUSTRIAL ENGINEERING

Alexander, W. T., *Mechanical, mfg. proc.*
Amrine, H. T., *Industrial*
Anderson, C. A.
Andrews, D. K., *Mfg. Proc.*
Apple, J. M., *Mechanical*
Armstrong, W. H., *Shop & Mech. Arts*
Avent, J. M., *Mfg. Proc.*
Babcock, M. M.
Balyeat, R. E., *Pers.*
Barish, N. N., *Mechanical*
Barnes, R. M., *Economics; Mechanical*
Barnwell, G. W., *Economics; General*
Beatty, H. R., *Mechanical*
Beauchamp, J. M.
Bell, L. F., *Economics*
Biegel, J. E.
Bigelow, R. G., *Mechanical*
Bogardus, R. K., *General*
Bolt, C. D.
Bolz, H. A., *Mechanical*
Boston, O. W., *Mfg. Proc.*
Boyd, H. L., Jr., *Mfg. Proc.*
Breckenridge, R. H., *Mfg. Proc.*
Brenner, R., *Math.*
Brock, E. H., *Arch.*
Brooks, J. A., *Economics*
Brown, J. C., *Psychology*
Buffa, E. S., *Mechanical*
Bullinger, C. E., *Eng. Economy*
Burgess, A. R., *Mgmt.*
Burhen, R., *Mfg. Proc.*
Byrnes, J. F., *Economics*
Carlson, D. E., *Labor Relations*
Case, H. W., *Psychology*
Chipak, R. F.
Connelly, J. R., *Mechanical*
CoVan, J. P., *Shop*
Cox, G. B., *Shop*
Cummings, R. J., *Economics*
Davidson, H. O.
De Luca, E. D., *Marketing*
Dent, H. M., *Mechanical*
Deschere, A. R., *Thermo. & Power*
Devor, E., *Mach. Des., Mfg. Proc.*
Dorney, E. E., *Mechanical; Civil*
Dwyer, J. S., *Mfg. Proc.*
Edwards, D. N., *Mechanical*
Egry, C. R., *Mechanical*
Elrod, J. T., *Mfg. Proc.*
Emerson, H. P., *Econ.*
Emerson, L. A., *Economics*
Enell, J. W., *Mechanical*
Engesser, W. F.
Eppelsheimer, D. S.
Eshleman, S. K., *Materials*
Fabel, D. C., *Min. Tech.; Met.*
Fairchild, E. L., *Mechanical*
Farwell, R. S., *Psychology*
Filpetti, G., *Economics*
Finlay, W. W.
Frazer, J. R.
Freeman, R. G.
Gibbons, L. L.
Gilbreth, L. M., *Mechanical; Psychology*
Glover, L. E., *Mach. Des.; Mfg. Proc.*
Good, M. R., *Economics*
Gould, A. F., *Mechanical; Mfg. Proc.*
Green, P. M., *Mfg. Proc.; Materials*
Green, R. S., *Civil*
Greene, J. H.
Greenwald, D. U., *Heat Power; Mfg. Proc.*
Groseclose, F. F., *Mechanical*
Guild, L. R., *Mgmt.*
Hainer, L., *Mfg. Proc.*
Hall, H. L.
Hall, P. R., *Min. Tech., metallurgy; Shop*
Hanselman, G. R., *Mathematics*
Hauser, J. J.
Henderson, C. D.
Henderson, D. E.
Hertz, D. B., *Mfg. Proc.*
Hobson, J. R. A., Jr.
Hobson, L. S., *General*
Holbrook, G. G., *Pers. Rel.*
Holder, W. G.
Holme, T. T., *Mechanical*
Howard, R. L., *General*
Huffman, J. R.
Hummel, J. O. P., *Economics*
Hunt, M. W., *Mach. design; Heat Power*
Hussey, R. A.
Imhoff, J. L., *Mfg. Proc.*
Ireson, W. G., *Economics; Shop*
Jaffe, W. J., *Econ.*
Jenkin, W. R.
Johnson, G. C. K., *Electrical*
Johnston, P. K., *General*
Juran, J. M.
Kattwinkel, O. F., *Pers.*
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Chaikin, P., *Draw.; Ind.*
Chambers, W. R., *Gen.; Thermo. & Power*
Chapel, R. E., *Aero.; Mach. Des.*
Chapman, A. J., *Heat Power; Math.*
Chapman, R. G., *Mach. Des.*
Chappelle, T. W., *Coord. Coop.*
Chase, C. H., *Mach. Des.; Power P.*
Chase, W. F., *Thermo. & Power*
Chasteen, J. S., *Heat Power; Draw.*
Cheatham, J. C., *Heat Power*
Chieri, P. A., *Aero.; Thermo. & Power*
Chipak, R. F., *Ind.*
Christie, A. G., *Power Plants; Ind. E.*
Chumley, J. G., *Draw.; Shop*
Church, A. H., *Machine Des.*
Church, E. F., *Thermo. & Power*
Churchill, L. S., *Heat Power; Mechs.*
Ciurlys, J.
Clamons, E. H., *Mach. Des.; Mech.*
Clark, D. S., *Mfg. Proc.; Pers.*
Clark, D. S., *Mat.*
Clark, R. E., *Heat Power*
Clark, W. E.
Cleghorn, M. P., *Heat Power; Power Pls.*
Clements, W. D., *Drawing; Materials*
Clements, W. B., *Industrial; Mfg. Proc.*
Clower, J. I., *Machine Design*
Cogburn, C. O.
Cohen, R., *Mach. Des.; Mechs.*
Colbert, T. P., *Machine Design; Mech. & Mat.*
Colby, H. R.
Cole, D. H., *Mathematics*
Cole, R. H.
Cole, R. W., *Drawing*
Collard, A. A., *Mechanics*
Collier, H. E., *General*
Collier, M. S.
Colvin, C. H.
Comassar, S., *Marine*
Connell, C. R.
Conner, N. W., *Mech. & Mat.; Mach. Des.*
Conta, B. J., *Thermo. & Power*
Conta, L. D., *Thermo. & Power*
Coogan, C. H., *Heat Power*
Cook, M. A., *Machine Design*
Cooper, L. B., *Mach. Des.*
Cope, J. H., *Mach. Des.; Ind.*
Cope, R. L., *Shop*
Cope, W. J., *Heat Power*
Copeland, E. H., *Thermo. & Power*
Cornet, I. I., *Thermo. & Power; Met.*
Costello, R. J., *Heat Power; Mech. & Mat.*
CoVan, J. P., *Mfg. Processes*
Cowie, Alexander, *Machine Design*
Cox, J. E., *Heat Power*
Cox, W. N., *Safety*
Crandall, S. H., *Mech. & Mat.; Math.*
Crank, R. E., *Thermo. & Power*

Crawford, C. W., *Indus.; Mech. & Mat.*
Croft, H. O., *Heat Power; Economics*
Cromer, O. C., *Heat Power*
Crossley, F. R. E., *Mechanics*
Crowder, B. A., *Mfg. Processes*
Crowninshield, W. W.
Cudd, J. B., *Tech. Inst.*
Curran, H., *Thermo. & Power; General*
Curran, T. M., *Thermo. & Power; Naval*
Daniel, L. R., *Mach. Des.; Thermo. & Power*
Daniels, T. E., *Thermo. & Power; Mfg. Proc.*
Daskin, W., *Aero.; Thermo. & Power*
Daugherty, R. L., *Hydraulics; Heat Power*
Davey, J. T., *Mach. Des.*
David, W. J., *Mach. Des.*
Davidson, D. E., *Heat Power*
Davies, S. J., *H-P., Refrig., Power Pl.*
Davis, C. P.
Davis, L. E., *Mfg. Pro.; Industrial*
Davis, S. S., *Heat Power*
Dawson, E. F., *Air Conditioning*
DeCarolis, J. J., *Mech. & Mat.*
DeGarmo, E. P., *Industrial; Mfg. Proc.*
Delich, M.
DelVecchio, A., *Thermo. & Power; Mechs.*
Den Hartog, J. P.
Dent, J. A., *Heat Power; Mech.*
Devine, Jas. J., *Heat Power*
Diakoff, A. J., *Thermo. & Power*
Diboll, W. B., *Mfg. Proc.; Heat Power*
Dillaway, R. B., *Aero.; Physics*
Dillenbeck, H. L., *Mfg. Proc.; Chemistry*
Dittfach, J. H., *Thermo. & Power*
Dodge, J. C., *Mfg. Proc.; Ind.*
Doerr, L. O., *Mech. & Mat.; Mfg. Proc.*
Dominic, R. P.
Domonoske, A. B.
Donaldson, C., *Machine Des.; Ind.*
Donovan, E. T., *Heat Power; Power Pls.*
Doolittle, J. S., *Heat Power; Refrig.*
Dougherty, C. R. G., *Chem. E.*
Doughtie, V. L., *Machine Design; Mech. & Mat.*
Dowell, Dawson
Downing, D. G., *Mach. Des.; Mech. & Mat.*
Downs, J. B. T., *Machine Design, H.-P.*
Dows, H. W., *Mfg. Processes; Shop*
Doyle, J. P., *Thermo. & Power*
Drechsler, F. S., *Met.; Thermo. & Power*
Dropkin, D., *Heat Power*
Duchacek, H.
Ducody, M. M.
Duncan, A. H.
Duncan, S. F., *Mach. Des.; Heat Power*
Dunn, J. W., *Mfg. Proc.; Mats.*
DuPriest, J. R., *Mach. Des.; Heat Power*
Durand, W. F.
Duryea, D. W.
Dusinberre, G. M., *Heat Power*
Dutton, R. A., *Thermo. & Power*
Easton, W. H., *Mach. Des.; Heat Power*
Eaton, H. D., *Gen.; Power*
Eaton, P. B., *Mach. Des.; Heat Power*
Eckerman, E. H., *Mech. & Mat.*
Eckhardt, C. J., *Heat Power; Refrig.*
Eckman, D. P., *Thermo. & Power*
Edelman, C., *Refrig.*
Edmonson, G. V., *Hydro-Mech. Engrg.*
Edwards, J. L.
Egilsrud, F. S., *Heat Power; Power Pl.*
Egry, C. R., *Machine Design; Ind.*
Elliott, B. G., *Heat Power; Power Plants*
Elsevier, E., *Drawing; Thermo. & Power*
Emerson, E. D., *Heat Power; Ind. E.*
Emerson, W. D., *Heat Power; Gen.*
Endsley, L. E.
Engleman, H. W.
Eppes, J. V., *Mach. Des.; Thermo. & Power*
Epple, A. B., *Heat Power*
Erdoss, B. K., *Aeronautics; Mech.*
Ermene, J. J., *Heat Power*
Erneman, H. G., *Heat Power*
Espy, W. N., *Thermo.; Mech.*
Ettore, J. E., *Draw.; Mach. Des.*
Eyre, T. T., *Heat Power; Refrigeration*
Fahnestock, M. K., *Refrigeration*
Faires, V. M., *Mach. Des.; Heat Power*
Fairfield, J. G., *Heat Power; Mach. Des.*
Faneuf, J. O., *Thermo. & Power; Mat.*
Farber, E. A., *Aero.; Thermo. & Power*
Faucett, T. R.
Fax, D. H., *H-P; Mech. & Mat.*
Fayram, R. A., *Thermo. & Power; Physics*
Feener, D. H., *Aeronautics; Heat Power*
Feiereisen, W. J., *Thermo. & Power*
Fellinger, R. C., *Thermo. & Power*
Fellows, J. R., *Heat Power; Civil*
Fellows, R. D., *Heat Power*
Fenn, F. H.
Ferguson, E. S., *Heat Power*
Fernow, B. E., *Heat Power; Power Pl.*
Ferrell, W. L., *Heat Power*
Ferretti, A. J., *Mechs.*
Files, C. W., *Heat Power; Aero.*
Finch, V. C., *Aero.*
Finch, R. B., *Mech. & Mat.*
Finlayson, F. S., *Fluid Mech.; Aero.*
Fisher, L. A.
Fisher, D. A., *Heat Power*
Fitch, W. C., *Thermo. & Power; Ind.*
Fittz, R. U., *Thermo. & Power*
Flanigan, A. E., *Mineral Tech.*
Flanigan, F. M., *Mach. Des.; Mfg. Proc.*
Fleming, D. W.
Fleming, R. W., *Mach. Des.*
Fleming, W. J., *Heat Power; Mech.*
Fletcher, R. H., *Thermo. & Power; Mats.*
Flinner, A. O., *Heat Power; Power Pl.*
Flitner, D. P., *Mach. Des.; Heat Power*
Flodin, J., *Mech. & Mat.*
Flory, F. C., *Mfg. Proc.*
Folsom, R. G., *Aero.; Fluid Mech.*
Foote, E. G.
Ford, A. D., *Aeronautics*
Forstall, W., *Thermo. & Power*
Foster, C. A. B., *Drawing*
Fowler, K. W., *Mfg. Proc.; Shop & M. A.*
Fowler, R. W., *Mach. Des.*
Fox, B. J., *Heat Power; Mech. & Mat.*
Foxwell, W. H., *Mach. Des.; M. & M.*
Francis, L. L., *Mechs. & Mats.; Shop*
Freberg, C. R., *Mach. Des.; Naval*
Freeman, R. L., *Met.*
Fried, B., *Physics; Mech.*
Frier, J. L., *Mach. Des.*
Froomkin, N. G.
Fry, F. S., *Thermo. & Power; Draw.*
Fry, H. P., *Mach. Des.; Draw.*
Fuller, C. E., *Gen. E.*
Fuller, F. L.
Fullerton, H. P., *Machine Design*
Fulton, C. D.
Gage, J. A., *Mfg. Proc.; Ind.*
Gallalee, J. M., *Heat Power; Power Pls.*
Gamble, C. R., *Mfg. Proc.; Thermo. & Power*
Garman, W. D., *Mechanics; Thermo. & Power*
Garrell, B. S., *Heat Power; Mech. & Mat.*
Gatcombe, E. K., *Machine Design*
Gatley, W. R., *Mfg. Proc.*
Gauss, H. F., *Machine Design; Res.*
Gauthier, V. J., *Mfg. Proc.; Mats.*
Gay, N. R., *Heat Power*
Gebhart, B.
Geiger, J. W., *Heat Power; Aero.*
Georgian, J. C., *Mach. Des.; Mech.*
Gershun, T. L., *Thermo. & Power; Math.*
Getchell, E. L., *Mechanics*
Gibbs, R. E., *Heat Power; Power Plants*
Gilbert, M. L., *General*
Gilbert, W. W., *Mfg. Pr.; Aero.; M. Des.; Ind.*
Giles, A. G., *Drawing; Mach. Des.*
Giles, W. T.
Gilpin, C. A., *Ind.; Mfg. Proc.*
Gingrich, R. F., *Maintenance*
Gjesdahl, M. S., *Machine Design; Draw.*
Gleason, J. G., *Aeronautics*
Goglia, G. L., *Heat; Power*
Goglia, M. J., *Aeronautics*
Good, C. W., *Mach. Des.*

Goode, H. P., *Industrial; Mfg. Proc.*
Goodman, W., *Refrig.*
Goodrich, L. B. H., *Thermo. & Power; Econ.*
Gordon, I.
Gordon, P. B., *Heat Power*
Gorman, W. M., *Shop & Mech. Arts; Draw.*
Gosman, A. L.
Gottschall, C. R., *Mach. Des.; Ind.*
Gould, A. B., *Mfg. Proc.*
Gould, A. F.
Grabski, J. D., *Heat Power*
Grace, C. T., *Machine Design; Mech.*
Graff, W. J., *Mach. Des.; Thermo. & Power*
Grassi, R. C., *Industrial*
Gray, M. E., *Mfg. Proc.*
Greeley, C. E., *Heat Power*
Green, B. M., *Machine Des.; Mech. & Mat.*
Green, W. A., *Heat Power*
Green, W. P., *Heat Power; Math.*
Greenwald, D. U., *Industrial*
Greffe, C. D., *Mach. Des.; Mech. & Mat.*
Griffin, F. S., *Mach. Des.; Gen.*
Griffis, W. K., *Mfg. Proc.; Ind.*
Griswold, A. H.
Groom, V. R., *Ind. Engrg.*
Guenther, O. V., *Mech. & Mat., Drawing*
Guerdan, G. A., *Mach. Design; Mfg. Proc.*
Guldon, M., *Physics; Thermo. & Power*
Gullikson, A. C., *Drawing*
Guthrie, W. S.
Gwlazdowski, A. P., *Mfg. Proc.; Ind.*
Haase, H. F.
Hainlin, A. W., *Thermo. & Power; Mechs.*
Hall, A. S., *Mach. Design; Mech. & Mat.*
Hall, C. A., *Heat Power; General*
Hall, D. E.
Hall, K. W.
Hall, N. A., *Heat Power; Aeronautics*
Hall, W. A., *Fluid Mechs.*
Hamilton, D. C., *Aero.; Thermo. & Power*
Hamilton, E. H., *Heat Power; Shop*
Hamilton, H. C.
Hamilton, H. J., *Math.; Thermo. & Power*
Hammershaimb, G. T., *Thermo. & Power*
Hampton, W. C., *Draw.; Gen.*
Hanley, G. P., *Heat Power*
Hannum, F. W.
Hanson, K. P., *Heat Power*
Hardgrave, J. C., *Mfg. Proc.; Shop*
Hardgrave, J. M., *Aero.; Thermo. & Power*
Harding, A. H.
Harding, S. R., *Mfg. Proc.*
Harker, R. J., *Mach. Des.*
Harper, J. W.
Harrington, R. L., *Industrial*
Harrisberger, E. L., *Math.; Mechs.; Mach. Des.*
Hartman, J. B., *Mach. Des.; M. & M.*
Hartsaw, W. O., *Draw.; Mach. Des.*
Harvey, D. J., *Mfg. Proc.; Mats.*
Haskins, E. E., *Thermo. & Power*
Hatch, J. P., *Mach. Des.; Mat.*
Hawley, R. S., *Gen.; Thermo. & Power*
Hay, E. D., *Industrial; Mech. Des.*
Hays, F. B., *Mach. Des.*
Hazen, J. W., *Heat Power; Electrical*
Head, R. R., *Thermo. & Power*
Heath, C. O., *Mech. & Mat.*
Heath, G. L., *Thermo. & Power; Mechs.*
Hebrank, E. F., *Heat Power; Ind.*
Helander, L., *Heat Power; Power Pls.*
Heise, H. A.
Hem, L. W., *Heat Power; Power Pls.*
Henderson, G. A.
Hendrickson, H. M., *Thermo. & Power*
Hennick, D. C., *Drawing; Shop*
Henry, J. A., *Thermo. & Power; Ind.*
Henshaw, C. N., *Mach. Des.*
Hershkowitz, B. H., *Aero.; Thermo. & Power*
Hesse, G. C., *Mfg. Proc.*
Hesselschwerdt, A. L., *Heat Power*
Hetzel, T. B., *Eng. Drawing*
Heuer, W. E., *Shop & Mech.*
Hibbard, S. S., *Mechanics*
Hicks, L. F., *Thermo. & Power*
Hilding, W. E., *Heat Power*
Hill, A. M., *Heat Power; Refrigeration*
Hill, J. L., *Mfg. Proc.*
Hill, R. C., *Thermo. & Power; Ind.*
Hindle, N. F., *Mach. Des.; Mfg. Proc.*
Hinkle, R. T., *Machine Design; Mechs.*
Hinton, W. A., *Heat Power*
Hirsch, F., *Mach. Des.; Met.*
Hixon, C. R., *Heat Power*
Hockey, A. A., *Math.; Drawing*
Hoefer, E. G., *Mach. Des.; Mech. & Mat.*
Hoffman, L. A., *Dean*
Holcomb, C. W., *Draw.; Mech.*
Holden, F. C.
Holdredge, E. C., *Heat Power*
Holdredge, E. S.
Holland, A. D., *Heat Power; Refrig.*
Hollander, A., *Mach. Des.; Thermo. & Power*
Holmes, A. G., *Industrial*
Holmes, C. W., *Heat Power; Mech. & Mat.*
Holmes, W. J., *Heat Power*
Holowenko, A. R., *Mach. Des.; M. & M.*
Holt, J., *Heat Power; Power Pl.*
Hoshall, H. B., *Drawing*
Houbecky, H. F.
Houghton, A. V., *Mech.*
Howard, D. E., *Mach. Des.; Thermo. & Power*
Howell, G. H., *Mach. Des.; Heat Power*
Hoye, F. W., *Thermo. & Power*
Hrones, J. A., *Mech. & Mat.*
Hrubecky, H. F.
Huber, D. G.
Huckert, J. W., *Mach. Des.; M. & M.*
Hudelson, G. D.
Hudson, D. E., *Mech. & Mat.*
Hughes, A. D., *Heat Power*
Hughes, M. W., *Mech.*
Hull, W. L., *Aeronautics; Heat Power*
Hummel, J. G., *H-P.; Plants*
Humphries, J. C., *Mach. Des.*
Hyland, P. H., *Power Plants*
Ibele, W. E., *Thermo. & Power; Physics*
Ihlfeld, W. G.
Inveiss, J. H., *Mach. Des.; Thermo. & Power*
Ip, C-U.
Irwin, R. R., *Drawing; Thermo. & Power*
Irwin, V. W.
Ishman, W. M., *Mfg. Proc.; Shop*
D'Isa, F. A., *Mech. & Mat.; Mach. Des.*
Iversen, H. W., *Fluid Mechanics*
Jablonski, G. G.
Jackson, D. C., Jr., *Mfg. Proc.; Electrical*
Jackson, H. J.
Jackson, J. W., *Mach. Des.; Mat.*
Jackson, T. E., *Thermo. & Power*
Jackson, W., *Heat Power; Shop*
Jacobs, R. M., *Heat Power; Shop & Mech. Arts*
Jacobsen, L. S., *Mech.*
Jacobus, D. S., *Electrical; Power*
Jacunski, E. W.
Jakob, M., *Chemical; Thermo. & Power*
James, R. E., *Mechanics; Aero.*
Jamison, R. M., *Thermo. & Power*
Jarvi, R. V., *Mech. & Mat.*
Jenkins, D. R., *Thermo. & Power*
Jennings, B. H., *Heat Power; Ind.*
Jerger, E. W., *Mech.; Thermo. & Power*
Jeske, R. L., *Shop & Mech.*
Jett, C. C., *Mach. Design; Mech. & Mat.*
Jodrey, R. M., *Drawing; Thermo. & Power*
Johnson, C. C., *Mach. Des.*
Johnson, C. G., *Min. Tech.*
Johnson, H. A.
Johnson, J. O., *H-P; Mech. & Mat.*
Johnson, W. A., *Machine Design*
Johnson, W. L., *Mechanics; Mach. Des.*
Joice, C. B., *Mfg. Proc.*
Jonassen, Finn, *Civil*
Jones, J. B., *Thermo. & Power; Mech.*
Jones, M. M., *Refrig.*
Jones, R. S., *Ind.*
Jones, W. R., *Machine Des.; Civil*
Jordan, R. C., *Thermo. & Power*
Kalelkar, B. D., *Mechanics*

Katz, I., *Aeronautics; Thermo. & Power*
Kauppinen, T. S., *Mach. Des.*
Kavanaugh, D., *Heat Pr.; Mech. & Mat.*
Kayan, C. F., *Heat Power; Refrigeration*
Kaye, J., *Mechanics*
Kaye, J., *Heat Power; Physics*
Keator, F. W., *Mfg. Proc.; Heat Power*
Keeler, H. E., *Heat Power; Electrical*
Keenan, J. H., *Heat Power*
Keith, J. I., *Food Eng.*
Kelly, S. J., *Mach. Des.; Power*
Kemler, E. W., *Research*
Kemp, A. B.
Kenerson, W. H., *Industrial*
Kennedy, R. E., *Mfg. Proc.*
Kent, C. H., *Heat Power; Mech.*
Kenyon, V. L., *Heat Power; Mat.*
Keuffel, A., *Mach. Des.; Mech.*
Kezios, S. P., *Heat Power; Mech.*
Kiefer, P. J., *Heat Power; Power Plants*
Kimball, D. S., *Agric.; Ceramics*
King, C. D., *Aero.; Thermo. & Power*
King, J. A., *Heat Power; Refrigeration*
King, W. B.
King, W. J., *Aero.; Thermo. & Power*
Kinney, R. C.
Kipp, H. L., *Thermo. & Power*
Kippenhan, C. J., *Physics; Mach. Des.*
Kirk, E. R., *Naval; Thermo. & Power*
Kishel, C. J., *Industrial*
Kistler, P. N., *Mechanics and Materials*
Klute, D. O
Koenig, L. R., *Mach. Design; Mech.*
Kohloss, F. H., *Heat Power; Refrig.*
Kolb, R. P., *Heat Power; Power Plants*
Konzo, S.
Korges, E., *Heat Power; Electrical*
Korobkin, I., *Thermo. & Power; Physics*
Koski, P. I., *Draw.*
Kottman, R. H.
Kozacka, J. S., *Machine Design*
Krans, D. H., *Thermo. & Power; Mechs.*
Kreisle, L. F., *Mach. Des.; Arch.*
Krey, R. A., *Thermo. & Power*
Kroeger, H. R.
Kuenzel, H., *Metallurgy; Heat Power*
Kunkel, G. M., *Mach. Des.; Refrigeration*
Kushner, A., *Mach. Des.; Mech. & Math.*
Kut, W. S., *Thermo. & Power; Aero.*
Kyburz, P. H.
Kyropoulos, P., *Heat Power; Hydr.*
Lackler, J. L., *Mach. Des.; Heat Power*
Laitala, E., *Industrial*
LaJoy, M. H., *Instrumentation*
Lake, W. S.
Lantow, J. W., *Heat Power; Math.*
Larkin, F. V., *Industrial*
Larson, G. L., *Heat Power*
Larson, R. F., *Heat Power; Pet. & Nat. Gas*
Lausche, L. F., *Heat Power; Power Pl.*
Lawson, E. C., *Thermo. & Power; Mechs.*
Lay, J. E., *Heat Power*
Lay, W. E., *Automotive*
Leach, J. L.
Leavitt, E. E., *H-P.; Power Plants*
Ledbetter, T. B.
Lee, A. O., *Heat Power; Power Pl.*
Lee, E. S.
Lee, J. F., *Struc.; Thermo. & Power*
Leet, H. W., *Mach. Des.; Drawing*
Leggett, J. T., *Mfg. Proc.; Thermo. & Power*
Lent, D., *Draw.; Mach. Des.*
Leonard, C. M., *Heat Power; Power Pls.*
Leonard, P. B.
Leone, W. C., *Aero.; Mech.*
Leutwiler, O. A., *Machine Des.; M. & M.*
Leutwiler, R. W., *Mach. Des.; Mfg. Proc.*
Levens, A. S., *Drawing; Mach. Des.*
Levy, B., Jr., *Heat Power; Physics*
Lewellen, M. T., *Heat Power; Shop*
Lewis, A. D., *Machine Des.; Heat Power*
Lewis, R. E., *Eng. Draw.*
Lichty, L. C., *Heat Power*
Lillibridge, A. L., *Drawing*
Lin, A. D., *Mach. Des.; Draw.*
Lindahl, E. J., *Heat Power*
Lindau, J. W., *Mfg. Proc.; Aero.*
Lindell, W. F., *Electrical; Heat Power*
Lindenmeyer, R. S., *Industrial*
Linderoth, L. S., *Aero.; Mach. Des.*
Lindquist, R. M. L., *Heat Power*
Linsky, C., *Ind.*
Lipsick, L. P., *Heat Power*
Livermore, D. F., *Materials*
Loebl, F. W., *Refrig.; Shop.*
Loebl, R. A., *Heat Power*
Leone, W. C.
Lofgren, K. E., *Machine Design*
Loflin, Z. L., *Mechanics*
London, A. L., *Heat Power; Mech.*
Lonergan, J. J., *Heat Power*
Long, C. H., *Heat Power; Elec.*
Long, W. E., *Refrig.; Power Pl.*
Longstaff, J. B., *Heat Power*
Lopez-Baranano, J. M.
Loughmiller, K. M., *Industrial*
Lucarini, G. B., *Heat Power; Refrig.*
Lucas, E. L., *Mfg. Proc.; Shop*
Luce, A. W., *Mach. Des.; Tech. Inst.*
Ludwickson, J. K., *Heat Power*
Ludy, L. V., *Heat Power*
Luebs, A .A., *Heat Power; Refrigeration*
Luke, E. D., *Thermo. & Power; Mat.*
Lukens, A. M., *Thermo. & Power; Mach. Des.*
Lundquist, E. C., *Aero.*
Lusk, J. B., *Mach. Des.; Mech. & Mat.*
Lu, T. C., *Aero.; Mach. Des.*
Lyford, W. C.
Lyman, J. R.
Lynam, W. A., *Ind.*
Mable, H. H., *Machine Design*
MacConochie, A. F.
Macduff, J. N.
MacKenzie, J. M., *Mfg. Proc.*
Mackey, C. O., *Heat Power*
MacNaughton, E., *Heat Pr.; Ind.*
Maher, J. E.
Malcolm, D. G.
Maleev, V. L., *Mach. Des.; Thermo. & Physics*
Maloney, J. D.
Mallory, W. F.
Manifold, G. O., *Heat Power; Ind.*
Mann, R. A., *Thermo. & Power*
Mantell, M. I.
Mara, H. W., *Drawing*
Marchant, J. H., *Aero.; Thermo. & Power*
Marco, S. M., *Mach. Des.; Heat Transfer*
Marcoux, H. A., *Heat Power; Met.*
Marin, A., *Heat Power*
Marquis, F. W., *Heat Power; Power Pls.*
Marschner, F. W., *Mach. Des., Mfg. Proc.*
Marsh, I. A., *Thermo. & Power; Mech.*
Marshall, G. A.
Martin, B. W., *Mathematics*
Martin, G. H., *Mech. & Mat.*
Martin, R. J., *H-P, Refrig.*
Martin, W. H., *Heat Power; Refrig.*
Martinez, J. L., *Thermo. & Power; Mats.*
Mason, H. L., *Research*
Mason, H. W., *Heat Power; Elec.*
Mason, W. E., *Civil*
Masson, D. J., *Fluid Mechanics*
Masucci, E. J., *Mfg. Proc.; Math.*
Matson, R. M., *Mach. Des.; Mech. & Mat.*
Matthes, G. F., *Mech. & Mat.*
Maxwell, R. L., *Mach. Des.; Mechs.*
May, J. E., *Aeronautics*
May, J. R., *Chemical*
Mayer, J. K., *Heat Power; Mech. & Mat.*
McAmis, J. C.
McClay, C. H.
McCreary, B. C., *Mfg. Proc.; Mach. Des.*
McDonald, R. N., *Heat Power*
McDonough, E. C.
McDowell, L. G.
McFerrin, C. H., *Chemical; Thermo. & Power*
McHugh, E., *Heat Power; Gen.*
McIntosh, W. G., *Mach. Des.; Shop & Mech.*

McIntyre, H. J., *Heat Power; Power Pl.*
McKee, O. G., *Heat Power*
McKergow, C. M., *Emeritus*
McKinnon, R. A., *Ind.; Thermo. & Power*
McLenegan, D. W., *Air Conditioning*
McMinn, B. T., *Mech. & Mat.; Heat Power*
McMurray, O. G.
McNear, W. F., *Drawing*
Meeker, J. A., *Shop & Mech. Arts*
Mercanti, E. P.
Merriam, K. G., *Aeronautics*
Merrick, C. M., *Mfg. Proc.; Industrial*
Messersmith, C. W., *Heat Power*
Meyer, A. J.
Michels, W. J., *Civil; Thermo. & Power*
Michelsen, E. A.
Midgette, E. L., *Mech. & Mat.*
Miles, H. S., *Thermo. & Power*
Miles, J. C., *Heat Power; P. Plants*
Miller, C. M., *Mach. Des.; Drawing*
Miller, E., *Mach. Des.*
Miller, E. W., *Elec.; Mfg. Proc.*
Miller, H. W., *Machine Design*
Miller, L. G., *Heat Power*
Miller, R. B., *Mat.; Thermo. & Power*
Miller, W. H., *Drawing*
Miller, W. T.
Millian, J. Z., *Heat Power; Refrig.; Power Pls.*
Mills, B. D., *Mach. Des.*
Mills, E. E.
Mills, R. W., *Design; Shops*
Ming, F W., *Ind.; Draw.*
Minor, O. E., *Draw.; Mach. Des.*
Mittendorff, E. M., *Heat Power*
Mochel, M. G., *Mach. Des.; Mfg. Proc.*
Moen, W. B., *Power Plants*
Moffat, G. N., *Machine Design; Mat.*
Moltrecht, K. E. H., *Ind.; Mfg. Proc.*
Moody, L. F., *Machine Design*
Moore, E. R., *Drawing*
Moore, J. R.
Moore, M. B., *Heat Power; Mech. & Mat.*
Morgan, C., *Mach. Des.; Gen.*
Morgan, J. P., *Mat.*
Morley, R. F., *Mfg. Proc.; Met.*
Morrill, B., *Machine Design*
Morrison, J. B., *Mach. Des.*
Morse, F. T., *Aeronautics; Thermo. & Power*
Moser, K. J., *Heat Power; Mat.*
Moulton, R. G., *Heat Power*
Mummert, H. B., *Heat Power; Draw.*
Muni, H. W., *Ind.; Mfg. Proc.*
Munro, G. W., *Heat Power*
Murphy, J. W., *Mfg. Proc.; Ind.*
Murphy, T. E., *Thermo. & Power; Aero.*
Murray, W. M., *Mach. Des.*
Myers, L. R.
Myers, P. S., *Electr.; Thermo. & Power*
Needy, J. A., *Heat Power; Power Pl.*
Nelson, C. W., *Mech. & Mat.; Mach. Des.*
Nelson, D. W., *Heat Power; Refrig.*
Nemecek, I. V.
Nesbitt, R. E., *Drawing; Mat.*
Nevins, R. G., *Heat Power*
Newhouse, K. N., *Math.; Thermo. & Power*
Newman, M. K., *Mach. Des.; M. & M.*
Nickelsen, J. M., *Mach. Des.*
Nichols, V. L., *Mach. Des.; Mat.*
Nielsen, H.
Niemi, E., *Thermo. & Power*
Nordquist, W. B.
Noreen, A. E., *Thermo. & Power*
Norem, B. H., *Industrial Eng.*
Noren, O. B., *Thermo. & Power; Physics*
Norgord, J. T., *Heat Power; Shop*
Norman, C. A., *Mach. Des.; Thermo. & Power*
Nye, E. P., *Ind.; Thermo. & Power*
Obert, E. F., *Thermo. & Power*
O'Connor, G. R., *Thermo. & Power*
O'Connor, W. F.
Ocvirk, F. W., *Mach. Des.; Mech.*
Oehmke, G. R., *Heat Power*
Okuro, A. R., *Automotive*
Ojalvo, M. S., *Physics; Thermo. & Power*
O'Leary, A. M., *Drawing*
O'Leary, J. A.
Oliphint, J. B., *Mach. Des.; Mech. & Mat.*
Olsen, L., *Mech. & Mat.; Mach. Des.*
Olsen, R. A., *Heat Power; Power Pl.*
Onuf, B. R., *Thermo. & Power*
Oppenheim, A. K., *Aero.; Thermo. & Power*
Ornstein, W., *Math.; Mech.*
Otto, L. L., *Thermo. & Power; Mats.*
Owens, B. W., *Mach. Des.; Mfg. Proc.*
Owens, R. G., *Physics*
Paddock, R. G., *Thermo. & Power*
Page, F. B., *Aeronautics*
Palmer, G. K., *Hydraulics; Power Pls.*
Palmer, H. K., *Mach. Design; Draw.*
Palsgrove, G. K., *Hydraulics*
Panlener, G. F.
Parker, E. B., *Ind. Res.*
Parker, J.
Parker, N. A., *Heat Power; Aeronautics*
Parks, W. H., *Draw.*
Parr, J. H., *Heat Power*
Pasqua, P. F.
Patterson, S., *Maintenance*
Pattison, Floyd, *Min. Tech., metallurgy*
Paul, A. N., *Mfg. Proc.*
Pauli, R. I., *Mach. Des.*
Pearce, C. E., *Machine Design; Aeron.*
Pearson, J. R.
Peebles, J. H., *Heat Power; Power Pl.*
Pelan, B. J.
Pence, W. D
Penrod, E. B.
Perkins, D. L., *Mfg. Proc.; Heat Power*
Perna, A. J., *Mach. Des.; Mfg. Proc.*
Peskin, B. A., *Thermo. & Power; Math.*
Peter, W. G., *Mfg. Proc.; Draw.*
Peterson, G. E., *Heat Power*
Peterson, J. H., *Mach. Des.*
Petrie, G. W., *Mathematics*
Petrie, R. W *Drawing; General*
Petry, R. W., *Heat Power*
Petry, W. M., *Thermo. & Power*
Pfister, P. C., *Inst. M. E.*
Phelan, R. M., *Mach. Des.*
Pheips, C. W., *Mach. Des.; Thermo. & Power..*
Philbrick, W. W., *Ind.*
Pinger, R. W., *Industrial; Mfg. Proc.*
Planck, I. A., *Chemical; Mach. Des.*
Plunkett, R., *Mech.; Mach. Des.*
Polaner, J. L., *Heat Power*
Pollack, S. J., *Mfg. Proc.; Ind.*
Popovich, M., *Thermo. & Power; Mech. & Mat.*
Porter, R. C., *Thermo. & Power*
Posser, F. H., *Mach. Des.; Mfg. Proc.*
Potter, J. H., *Thermo. & Power*
Powers, L. J., *Mach. Des.; Mech.*
Prageman, I. H., *Machine Design; Indus.*
Prager, P. C., *Aero.; Thermo. & Power*
Preator, F., *Mach. Des.; Mfg. Pro.*
Prescott, F. L., *H-P, Power Pl.*
Prian, V. D., *Mfg. Processes; Industrial*
Price, L. C., *Mach. Design; Heat Power*
Price, M. L., *Mach. Des.; Mechanics*
Pringle, O. A.
Prior, J. A., *Mach. Des.; Mech. & Mat.*
Prowell, R. W., *Mach. Des.; Mech. & Mat.*
Putnam, J. A., *Fluid Mechanics*
Quier, K. E., *Civil; Mech.*
Quinn, B. E., *Mech. & Mat.; Mach. Des.*
Rahe, W. C.
Ralph, J. R., *Thermo. & Power*
Randolph, J. R., *H-P; Physics*
Rao, P. V. B. B.
Raphael, C., *Mech.; Mat.*
Rasmussen, A. A., *Thermo. & Power; Mech.*
Ratcliff, H. B., *Mach. Des.; Mech. & Mat.*
Rautenstrauch, R. F., *Aero.*
Raynes, S. H., Jr., *Mach. Des.; Thermo. & Power*
Reaser, W. E., *Thermo. & Power*
Reber, K. W.
Reed, F. E., *Mach. Des.; Mech. & Mat.*

Reed, F. J., *Power; Mech.*
Reed, J. C., *Heat Power*
Reed, R. J., *Aero.; Thermo. & Power*
Reinecke, M. E., *Mach. Des.*
Reiten, P. J., *Heat Power; Mech. & Mat.*
Remp, G. E., *Chem. E.; Thermo. & Power*
Renfrew, C. A.
Renner, W. E., *Refrigeration*
Renwick, D. J., *Heat Power; Refrig.*
Repscha, A. H., *Heat Power; Power Pls.*
Rettig, G. P., *Heat Power*
Reynolds, R. K., *Draw.; Mach. Des.*
Rice, W.
Rice, W. H., *Welding*
Rickard, C. L., *Thermo. & Power*
Richardson, H. D., *Heat Power*
Richtmann, W. M., *Heat Power*
Riddle, K. W., *Machine Design; Shop*
Riebeth, T. J., *Eng. Draw.*
Ringoen, R. O., *Turbines*
Ritchie, C. A., *Thermo. & Power*
Roberts, C. P., *Heat Power, Power Pl.*
Roberts, W. H.
Robertson, B. J., *Heat Power*
Robertson, R. C., *Heat Power; Refrig.*
Robinson, O. L., *Fire Protection*
Robinson, Walter
Robley, A. A.
Roesch, F. W., *Thermo. & Power*
Rogers, R. I., *Shop & Drawing*
Rogers, W. B., *Draw.*
Rogers, W. L., *M. Des.; M. & M.; Th. & Power*
Rogers, W. W., *Refrig.; Heat.*
Rohr, W. G., *Mech. & Mat.; Drawing*
Rohrbach, G. E., *Heat Power*
Rollins, J. P., *Mach. Des.*
Roop, F. S., *Thermo. & Power*
Rose, M. F., *Mech. & Mat.*
Rose, R. L., *Heat Power; Hydraulics*
Rossi, B. E., *Mech. & Mat.; Metal.*
Rothbart, H. A., *Mach. Des.; Mech.*
Rotty, R. M., *Aero.; Thermo. & Power*
Rowe, A. A., *Mfg. Proc.*
Rubenkoenig, Harry, *Heat Power*
Rubinsky, S., *Mach. Des.; Mfg. Proc.; Metal.*
Rusinoff, S. E., *Industrial; Mfg. Proc.*
Ruten, W. H., *Mfg. Proc.*
Ryan, D. G., *Machine Design; Mech. & Mat.*
Ryan, J. J., *Machine Disgn; Mech.*
Sahag, L. M., *Mach. Des.; Draw.*
Salma, E. A., *Heat Power, Power Pls.*
Sandfort, J. F., *H.-P.; Refrig.*
Savitski, M. J., *Heat Power; Met.*
Sayre, J. E.
Scanlan, J. A., *Thermo. & Power; Physics*
Schermerhorn, J. R., *Mach. Des.; Shop*
Schletinger, J. R.
Schindler, L. W., *Thermo. & Power*
Schmieder, A. K.
Schneider, T. A., *Mfg. Proc.; Metal.*
Schock, E. I., *Mach. Des.; Architecture*
Schoen, J. E., *Mach. Des.; Metal*
Schofield, W. H., *Thermo. & Power; Mech.*
Schorr, W. E., *Heat Power*
Schroeder, R. W., *Mfg. Proc.; Shop*
Schubert, A. G., *Heat Transfer; Economics*
Schuck, R. F., *Machine Design*
Schulte, W. E.
Schutt, W. H., *Mfg. Proc.*
Schwalje, J. L., *Mfg. Proc.; Mats.*
Schwartz, F. L., *Heat Pr.; Mech. & Mat.*
Scofield, J. H., *Aero.; Mach. Des.*
Scorah, R. L., *Thermo. & Power; Mach. Des.*
Scott, K. E.
Sen, G. C., *Mach. Des.; Heat P.; Mfg. Proc.*
Sen, T., *Mach. Des.; Heat Power*
Setchell, J. E., *Heat Power; Draw.*
Severson, A. M., *Mfg. Proc.; Mech. & Mat.*
Seward, H. L., *Heat Power; Marine*
Shaffer, R. E.
Shapiro, A. H., *Heat Power; Mech.*
Sharp, A. G.
Sharpe, N., *Refrig.*
Sheehan, W. M., *Mfg. Proc.; Hum.-Soc.*
Shefloe, R. E., *Mach. Des.; Electronics*
Shelton, E. G.
Shenk, D. H., *Heat Power; Power Pls.*
Shenton, J. E.
Sherrard, E. A., *Draw.; Mfg. Proc.*
Sherwood, R. S., *Mach. Des.; Thermo. & Power*
Shideman, E. G.
Shigley, J. E., *Drawing*
Shoop, C. F., *Heat Power*
Short, B. E., *Heat Power*
Shumaker, C. H., *Heat Power; Industrial*
Sidle, R. G.
Siegel, M. J., *Mach. Des.; Mech. & Mat.*
Sigerfoos, C. C., *Mfg. Proc., Shop*
Silha, H. W., *Shop; Mach. Des.*
Simmons, C. M., *Heat Power*
Simon, G. H., *Machine Des.*
Sims, E. M., *Heat Power*
Slaymaker, P. K., *Mach. Des.; Mech. & Mat.*
Slaymaker, R. R., *Mach. Des.; Mech.*
Sloane, Alvin, *Mach. Des.; Mech. & Mat.*
Slonneger, R. D., *Thermo. & Power*
Smedley, F. J., *Math.; Draw.*
Smith, B. E.
Smith, C. P., *Mfg. Proc.*
Smith, E.
Smith, E. B., *Heat Power; Mech. & Mat.*
Smith, G. B., *Machine Design*
Smith, G. E., *Mechanics*
Smith, I. W., *Mach. Des.; Mech. & Mat.*
Smith, J. H., *Mach. Des.; Drawing*
Smith, J. W.
Smith, M. L., *Thermo. & Power*
Smith, R. A., *Mfg. Proc.*
Smith, R. K., *H-P.; Refrig.*
Smith, R. L., *Mach. Des.; Math.*
Smith, R. V., *Thermo. & Power*
Sneed, C. M., *Ind.; Thermo. & Power*
Snider, M., *Mach. Des.; Heat Power*
Snyder, H., *Heat Power; Shop & Mech.*
Snyder, W. E., *Heat Power; Physics*
Soderberg, C. R., *Mechanics*
Solberg, H. L., *Heat Power; Power Pls.*
Solnick, R. L., *Gen.; Thermo. & Power*
Sonnenschein, C. L., *Mach. Des., Mech.*
Sorensen, H. A., *Heat Power*
Sorenson, A. E., *Power Pl.*
Sovran, G., *Math.; Thermo. & Power*
Spalding, A. R.
Sparks, N. R., *Thermo. & Power*
Sparrow, T. A., *Heat Power; Hydr.*
Spence, R. S., *Machine Design*
Spooner, C. W., *Marine*
Springer, E. K., *Mfg. Proc.; Thermo. & Power*
Spurlock, B. H., *Heat Power; Refrig.*
Stafford, A. B., *Thermo. & Power; Aero.*
Stair, W. K., *Mfg. Proc.; Thermo. & Power*
Stanley, R. L., *Mach. Des., Heat Power*
Staples, C. W., *Drawing; Ind. E.*
Starr, C. J., *Shop; Mfg. Proc.; Ind.*
Starr, M. O., *Transport.*
St. Clair, C. R.
Stearns, F. A., *Heat Power; M. & M.*
Stefani, Luis, *Mach. Des.; Heat Power*
Steidel, R. F., Jr., *Thermo. & Power; Mech.*
Steinhauser, A. L., *Mfg. Proc.*
Stene, J. K., *Thermo. & Power*
Stenger, R. R., *Ind.; Mat.*
Stephan, E. R., *Mach. Des.; Mech. & Mat.*
Stephenson, O. W., *General*
Stetson, G. A., *Mech. & Mat.; Economics*
Stett, J. D., *Metallurgy*
Stevason, C. C., *Mach. Des. Mfg. Proc.*
Stevens, H. E., *Machine Design; Indus.*
Stevens, W. J., *Mach. Des.; Mfg. Proc.*
Stewart, R. B., *Thermo. & Power*
Stiening, F. H., *Mach. Des.*
Stinson, K. W., *Heat Power; Aero.*
Stoddard, R. J., *Structural*
Stoever, H. J., *Heat Power*
Stolworthy, E. H., *Aero.; Thermo. & Power*
Stone, R. G., *H-P, Power Pl., Mech.*
Stotts, O. O., *Thermo. & Power; Mechs.*
Strauss, H. E., *Heat Power; Power Pls.*

Strate, J. T., *Heat Power*
Strelzoff, J. A.
Strout, R. P., *Thermo. & Power*
Stuart, H. F., *Heat Power; Ind.*
Stuart, M. C., *Ind.; Thermo. & Power*
Sullivan, F. J., *Mach. Des.; Eng. Draw.*
Sullivan, G. E., *Thermo. & Power; Mech.*
Summer, J. R., *Gen.; Thermo. & Power*
Sung, S. Z., *Mechanics*
Svenson, C. L., *Thermo. & Power*
Sweeney, R. J., *Thermo. & Power; Refrig.*
Swenson, J. D., *Heat Power; Drawing*
Swift, R. E., *Metallurgy*
Swineford, C. R., *Mach. Des.; Eng. Draw.*
Szczerbacki, S., *General*
Tait, R. S., *Machine Design; Thermo. & Power*
Taylor, C. N.
Taylor, W. S., *Heat Power*
Teal, E. A., *Industrial*
Tegtmeyer, R. C., *Heat Power; Ind.*
Temple, E. H., *Mfg. Proc.*
Tess, P. J., *Drawing*
Thigpen, J. J., *Thermo. & Power*
Thom, G. B., *Heat Power; Ind.*
Thomas, F. H., *Mfg. Processes; Indus.*
Thomas, J. H., *Heat Power; Elec. & Comm.*
Thompson, C. H.
Thompson, J. G. H., *Mach. Des.; Mech.*
Thompson, L. P., *Mach. Des., Mech. & Mat.*
Thornburg, M. L., *Power Pl.*
Tichvinsky, L. M., *Thermo. & Power*
Tobey, A. C., *Heat Power*
Toews, G. P., *Heat Power; Refrig.*
Touloukian, Y. S., *Chem.; Thermo. & Power*
Tracy, S. J., *Heat Power; Mech. & Mat.*
Treat, B. F., *Heat Power; Physics*
Trenkle, R. J., *Power*
Trent, C. E., *Machine Design*
Trent, H. F., *Mfg. Proc.; Draw.*
Tribus, M., *Chemical*
Trigger, K. J., *Mfg. Proc.; Met.*
Trinkle, R. J., *Power; Elec.*
Tripp, W., *Heat Power; Aeronautics*
Trotter, R. A., *Machine Design*
Trowbridge, R. N., *Safety*
Truckenmiller, W. C., *Mfg. Proc.; Metal.*
Truettner, W. I., *Aeronautics*
Trumbull, R. G., *Mfg. Proc.; Draw.*
Trummel, J. M., *Machine Design; M. & M.*
Trumpler, P. R., *Mach. Des.; Mechs.*
Tse, F. S., *Heat Power; Ind.*
Tucker, J. M., *Refrig.; Physics*
Tuft, G. L., *Econ.; Heat Power*
Turkington, D. B., *Math.; Thermo. & Power*
Tuthill, A. F., *Gen.; Thermo. & Power*
Tuve, G. L., *Heat Power; Economics*
Twining, R. B., *Thermo. & Power; Mat.*
Tyler, C. M., *Aeronautics*
Uicker, G. B., *Heat Power*
Ulcker, J. J., *Power; Ind.*
Uyehara, O. A.
Vanderslice, R. L.
Van Driest, E. R., *Civil*
Van Dyke, J. R., *Thermo. & Power*
Van Vorst, W. D., *Chemical*
Varney, W. R.
Vaughan, L. L., *Heat Power; Power Pls.*
Venn, R. E., *Drawing; Mach. Des.*
VerPlanck, D. W., *Electrical*
Vidosic, J. P., *Mach. Des.; Mech. & Mat.*
Vigdor, A.
Viggers, R. F., *Thermo. & Power; Mat.*
Villafane, O.
Vincent, E. T., *Heat Power; Aero.*
Vittucci, R. V., *Heat Power; Refrig.*
Vogt, C. A., *Mach. Des.; Draw.*
Vogt, C. C., *Mach. Des.; Mech. & Mat.*
Vopat, W. A., *Heat Power; Power Plants*
Vose, F. H., *Heat Power*
Vose, T. L.
Vuilleumier, R. O., *Heat Power*
Wackenhut, N. H., *Heat Power*
Wagner, C. A., *Heat Power; Power Pl.*
Wagner, S. S., *Machine Design; Drawing*
Waibler, P. J., *H-P.; Mech. & Mat.*
Walker, J. W., *Mach. Des.; Mech.*
Walker, R. E.
Walsh, E. A.
Wampler, E. M., *Mach. Des.; Mech. & Mat.*
Waner, N. S., *Mats.; Mach. Des.*
Wantland, J. L., *Draw.; Thermo. & Power*
Warner, C. F., *Heat Power*
Waters, E. O., *Mach. Des.; Mech. & Mat.*
Watson, H. D., *Heat Power*
Watson, W. K., *Mach. Des.; Thermo. & Power*
Wattson, R. K., *Aeronautics; Mach. Des.*
Weaver, A. S., *Mechanics*
Weaver, E. W., *Heat Power*
Weber, A. R., *Heat Power; Aero.*
Webster, F. N., *Power Plant*
Wehe, R. L., *Mach. Des.; Mat.*
Weibel, E. E., *Mechanics*
Welland, W. F., *Heat Power*
Weindling, J. I., *Mfg. Proc.; Ind.*
Weinert, G. A.
Weishampel, J. A., *Mech. & Mat.; Mach. Des.*
Weiss, J. R., *Power Plants*
Weiter, E. J., *Thermo. & Power*
Welch, H. E., *Practical Science*
Wellington, C. B.
Wellman, E. J., *Math.; Thermo. & Power*
Wernick, N. K., *Industrial*
Westbrock, A. J., *Heat Power*
Wetzel, I. T., *Electrical*
Wheeler, W. A., *Mach. Des.*
Whenman, J. H., *Drawing*
White, K. H., *Mfg. Proc.*
Whitfield, J. K., *Mach. Des.; Mech.*
Whittington, H. K., *Diesel*
Wick, R. S., *Heat Power; Aero.*
Widdop, R., *Industrial*
Wiener, W. K., *Auto.*
Wight, C. L., Jr., *Hydr.; Mech. & Mat.*
Wilbur, L. C., *Mach. Des.; Thermo. & Power*
Wilbur, R. S., *Heat Power*
Williams, F. L., *Heat Power; Electrical Power*
Williams, H. B., *Machine Design; Agric.*
Williams, M. O., *Aeronautical*
Williams, R. J.
Williges, J. A., *Mach. Des.; Electrical*
Willis, P. A., *General; Heat Power*
Willson, W. H., *Refr.; Air Cond.*
Wilson, E. R., *Machine Design; Draw.*
Wilson, G. C., *Thermo. & Power; Mech.*
Wilson, L. A., *Heat Power; Refrigeration*
Wilson, L. H.
Wilson, W. A., *Thermo. & Power*
Wingren, R. M., *Mach. Des.; Mech. & Mat.*
Wischmeyer, C., *Heat Power*
Wislicenus, G. F.
Wittig, C. O. G., *Gen.; Mach. Des.*
Wittig, F. E., *Thermo. & Power; Mechs.*
Witzell, O. W., *Thermo. & Power*
Wright, H. E.
Wright, W. F., *Mach. Des.; Mechs.*
Wohlenberg, W. J.
Wolf, R. L.
Womochel, H. L.
Wood, W. E., *Thermo. & Power; Ind.*
Woodruff, O. W., Jr., *Heat Power; Physics*
Worsham, J. E., *Heat Power; Power Pl.*
Wright, D. K., *Mech. & Mat.; Mach. Des.*
Wright, H. M., *Heat Power; Power Pls.*
Yampolsky, J.
Yang, Y. C., *Thermo. & Power; Mechs.*
Yates, C. C., *Thermo. & Power; Aero.*
Young, A. P., *Drawing; Mach. Des.*
Young, C. H., *Machine Design; Indus.*
Young, R. H., *H-P; Power Pl.*
Young, R. K., *Heat Power*
Young, R. L., *Mach. Des.; Heat Power*
Young, V. W., *Aeronautics*
Younger, J. E., *Aeronautics; Mech.*
Zarobsky, I. F., *Mach. Des.; Eng. Draw.*
Zbell S. P., *General; Draw.*
Zelios, D., *Mfg. Proc.; Met.*
Zeller, J. W.
Zerban, A. H., *Thermo. & Power; Mech.*

Zimmerman, R. H., *H-P; Power Pl.*
Zmula, P. C., *H-P, Mech. & Mat.*
Zucrow, M. J.
Zwiep, D. N.

MECHANICS AND MATERIALS

Adams, R. G.
Aikman, J. B., *Mechanical; Heat Power*
Anderson, R. L.
Andreassen, A. T., *Civil*
Assini, L. T., *Civil*
Barton, M. V., *Aero.*
Beane, J. A., *Drawing; Math.*
Beer, F. P., *Math.*
Berryman, L. G., *Metallurgy*
Best, C. L.
Beyer, F. R., *Civil*
Black, W. E., *Civil; Mech. & Mat.*
Blackman, J. S., *Drawing; Mat.*
Blaschke, A. C., *Aero.*
Bliss, Z. R., *Economics; Machine Design*
Bohl, L. T., *Struc.; Constr.*
Boomsliter, G. P., *Materials*
Booth, A. A. K., *Civil; Economics*
Boresi, A. P., *Elec.*
Bowman, C. E.
Boyd, H. S.
Boyle, T. A.
Bragg, F. C., *Drawing*
Breneman, J. W., *Civil Eng.*
Brock, J. E., *Mathematics*
Brown, B. L., *Drawing*
Brown, F. L., *Struc.*
Brown, W. J., *Civil*
Bryans, A. E., *Surveying*
Bryans, W. R., *Gen. E.*
Buchbinder, H. G., *Tech. English*
Bullard, J. A., *Mathematics*
Burdick, G. F., *Arch.; Draw.*
Burgess, J. C., *Civil*
Byars, E. F., *Civil; Structural*
Cade, C. M., *Civil, surveying*
Campbell, R. W., *Heat Power; Min.*
Carey, R. H., *Civil, structural*
Cather, C. H., *Mechanical; Mach Design*
Cehrs, C. H., *Hydr.; Mech. & Mat.*
Chamberlin, S. J., *Civil*
Chenea, P. F., *Mat.*
Clark, E. C., *Structural*
Clark, L. G.
Clark, L. W., *Struc.; Civil*
Clark, M. E.
Clark, W. C., *Mech. & Mat.; Civil*
Clock, L. S., *Math.; Physics; Power*
Cobb, A. C., *Power Pl.*
Colbert, J. P., *Civil, structural*
Collins, W. L., *Civil, structural*
Conley, W. J., *Civil*
Conner, N. W., *Mechanical; Aeronautics*
Cook, D. I., *Drawing; Mach. Des.*
Corten, H. T., *Mats.*
Cory, W. L., *Industrial*
Costakos, N. C.
Coventry, N. M., *Civil*
Cox, D. R.
Cox, W. J., *Civil*
Crandall, S. H., *Mathematics*
Creech, M. D., *Mach. Des.*
Cutshall, C. S., *Materials*
Crook, C. W., *Math.*
Davis, A. W., *Mathematics*
De Baufre, W. L., *Mech. & Mat.; Draw.*
De Moyer, R., *Structural*
de Neufville, A., *Civil*
Dennis, T. M.
Deptula, A. R., *Civil*
De Spain, W. J.
Dietz, A. G. H., *Bldg. Eng.*
Dodge, R. A., *Hydraulics*
Doerr, L. O., *Mechanical, machine design*
Dohrenwend, C. O., *Civil*
Donahey, M. H., *Drawing*
Donnell, L. H., *Aeronautics*
Dougherty, J. W.
Downey, G. L., *Mechanical*
Downing, D. G., *Engineering Drawing*
Draffin, J. O., *Civil; Sanitary*
Dudzik, C. J., *Mach. Des.*
Duff, C. M., *Civil; Mech. & Mat.*
Edgar, R. F., *Civil; Drawing*
Edson, C. G., *Hyd.; Aero.*
Elizondo, Y. J., *Thermo. & Power*
Ensign, N. E., *Mathematics*
Eriksen, E. L., *Civil; Struc.*
Evans, T. H., *Civil; structural*
Everett, F. L., *Mach. Des.; Physics*
Fairman, Seibert, *Aeronautics*
Farquharson, F. B., *Civil*
Felgar, R. P., *Mathematics*
Fenn, F. H., *Civil*
Findley, W. N., *Mechanical*
Flanders, R. L., *Civil*
Folk, S. B., *Civil, hydraulics*
Foner, D. N., *Civil*
Foxwell, W. H., *Mach. Des.*
France, E. L.
Franzel, E. J., *Mechanical*
Frigon, R. A., *Mechanical*
Frocht, M. M., *Machine Des.; Math.*
Fuller, C. E.
Fuller, G. M.
Galef, A. E., *Mats.*
Garfink, C. F.
Gatchell, O. J., *Mech.; Thermo. & Power*
Geldmacher, R. C., *Mathematics*
Germano, F. J.
Gidzinski, J. D.
Gilkey, H. J., *Civil*
Girvin, H. F., *Human-Social*
Goodier, J. N., *Mathematics*
Goodstein, R., *Math.*
Graff, W. J., Jr., *Mach. Des.*
Gralak, S. D., *Machine Design*
Green, R. E., *Civil; Struc.*
Griffis, L., *Civil*
Griswold, A. H., *Civil*
Guernsey, R., *Civil; Hydr.*
Gunder, D. F., *Mathematics; Civil*
Haddox, L. C., *Physics*
Hagerty, W. W., *Mach. Des.; Fluid Mechs.*
Hansen, H. J.
Hanson, L. O., *Materials*
Hardenbergh, D. E., *Mathematics*
Harloff, R. E.
Harris, C. O., *Structural*
Hartenberg, R. S., *Math.; Aeronautics*
Hawkins, R. D., *General*
Heiberg, E. R., *Thermo. & Power*
Hermes, R. M., *Math.; Mech. & Mat.*
Herr, L. A., *Civil; Struct.*
Herrick, C. A., *Mechanical; Mathematics*
Herrick, T. J., *Mechanical*
Hetényi, M., *Materials*
Higdon, R. A., *Mathematics*
Higgins, F. V., *Math.*
Hill, C. C.
Hilliker, L. C., *Aero.*
Hindle, M., *Mathematics*
Holdredge, E. C., *Heat Power; Power Pls.*
Holme, J. M., *Mathematics*
Hoover, M. L., *Mach. Des.*
Howe, J. W., *Hydraulics*
Howell, E. V., *Mathematics*
Hundley, R. E., *Mathematics*
Hunter, T. A., *Physics*
Jackson, J. W., *Mechanical*
Jacobs, R. K., *Civil*
James, R. V., *Mat.*
Janes, R. L., *Civil*
Jarvi, A. O., *Civil*
Jeffrey, J. O., *Mechanical; Met.*
Jennings, R. T., *Struc.; Hydr.*
Jensen, A., *Arch. Eng.*
Johnson, A. M.
Johnson, J. H., *Mach. Des.; Mech. & Mat.*
Jones, C. R., *Ind. E.*

Jones, P. G., *Electrical*
Jones, R. W., *Mathematics*
Jordan, W. D., *Materials*
Kamm, A. J., *Civil; Drawing*
Kauppinen, T. S., *Drawing*
Kececioglu, D. B., *Mfg. Proc.*
Keister, P. H., *Aero.*
Keller, A. D.
Kirby, L. R., *Civil; Structs.*
Kishibay, C. O., *Physics; Mechanical*
Kleinschmidt, R. B., *Structural*
Kleint, R. E., *Materials*
Kommers, J. B., *Mechanical; Mach. Des.*
Kosner, E. F., *Tool*
Krahula, J. L.
Kurajian, G. M.
Lansford, W. M., *Civil, hydraulics*
Laurson, P. G., *Civil, structural*
Lazan, B. J., *Mech. & Mat.*
Lebow, M. J.
Lee, G. H., *Mathematics*
Lester, H. M.
Liddicoat, R. T.
Lissner, H. R., *Aeronautics*
Little, N., *Mathematics*
Livingston, A. R., *Structural*
Loweke, G. P., *Civil; Hyd.*
MacCullough, G. H., *Mechanical; Mach. Des.*
Mack, D. J., *Mining*
MacKay, S., *Metallurgy*
Majeske, L. M., *Aero.*
Mallon, A. H., *Civil*
Manderfield, N. H., *Min. Dress.*
Mansky, C. B., *Mathematics; Res.*
Marco, H. F., *Civil; Survey.*
Marin, J., *Mechanical; Materials*
Marmo, E. J., *Drawing; Mech. & Mat.*
Mayrose, H. E., *Mechanical*
McCormick, F. J., *Aeronautics*
McDowell, E. L.
McLaurin, B., *Mechanical*
McLean, W. G., *Mathematics*
Meier, E. B., *Drawing*
Meigs, H. H., *Hydraulics; Mech. & Mat.*
Melton, J. O., *Machine Design*
Merlam, J. L., *Mach. Des.*
Metzler, D. E., *Hydr.*
Miller, C. W., *Mach. Des.*
Miller, F. E., *Mathematics*
Miller, J. P., Jr., *Civil*
Miller, P. F., *Mathematics; Civil*
Miller, W. M., *Mechanical; Mach. Des.*
Mitchell, W. I., *Mechanical; Civil*
Moebius, C. M., *Civil*
Morkovin, D., *Mechanical*
Morrow, H. W., *Math.; Physics*
Mowbray, A. Q., *Materials*
Muhlenbruch, C. W., *Construction*
Munger, E. L., *Materials; Civil*
Munger, H. H., *Soil Mech.; Mech. & Mat.*
Murphy, Glenn, *Civil, structural*
Murphy, W. G., *Civil*
Murray, W. M., *Mechanical*
Muster, D. F.
Myklestad, N. O., *Aero.*
Neff, T. O., *Civil*
Newton, R. E., *Math.*
Nothmann, G. A., *Mechanical*
Oberman, L. L.
Ohlsen, E. H., *Structural*
Olsen, G. A., *Machine Design*
Ormondroyd, J., *Mechanical*
Orr, W. L., *Structural*
O'Shaughnessy, L., *Applied Mechs.*
Othmer, R. T., *Math.*
Ott, P. W., *Civil, hydraulics*
Owen, W. M., *Civil; Hydr.*
Park, F. R., Jr., *Drawing; Mat.*
Paul, C. E., *General Eng.*
Paul, R. F., *Materials*
Peck, J. S., *Structural; Psychology*
Perkins, H. C., *Hydraulics*
Peterson, A. C., *Sanitary*
Pickett, G., *Physics*
Pierce, D. N., *Mach. Des.*
Pitkin, E. S. B., *Mechanical*
Pletta, D. H., *Civil; Structural*
Plumtree, W. G., *Civil*
Pohl, F. V.
Poorman, A. P., *Civil, structural*
Powell, R. W., *Civil, hydraulics*
Pratt, C. J., *Physics*
Preston, H. K., *Civil; Mech. & Mat.*
Priester, G. C., *Mathematics*
Puckett, H. R., *Mechanics; Physics*
Pugh, R. N., *Hydraulics*
Rackway, J. S., *Drawing*
Randle, G. W.
Ranov, T., *Drawing; Mach. Des.*
Reardon, L. J.
Reinhart, W. A., *Mach. Des.*
Rey, W. K., *Civil; Mech. & Mat.*
Roark, R. J., *Aeronautics; C. E.*
Roos, P. K., *Civil; Structural*
Rose, K. E.
Rosenthal, D., *Mechanical; Struc.*
Rowlett, W. C., *Auto.*
Ruley, B. T., *Mathematics*
Rumble, C. A.
Sanders, W. B., *Chemical*
Sauer, J. A., *Physics*
Sawyer, W. L.
Sayre, M. F., *Mechanical*
Schaefer, R. A.
Scholer, C. H., *Civil; Mech. & Mat.*
Schoonover, R. H., *Structural; Math.*
Schrader, H. J., *Mechanical*
Scott, E. O., *Chemical*
Seely, F. B., *Mech.; Civil, hydraulics*
Shobe, L. R., *Mathematics; Civil*
Singer, F. L., *Mech.; Eng. Drawing*
Smith, F. H., *Drawing*
Smith, G. M., *Materials*
Smith, G. W., *Civil*
Smith, J. O., *Materials*
Smith, R. J., *Machine Design*
Snowden, J. R., *Civil*
Sofianopoulos, A. J.
Staley, H. R., *Civil*
Stephen, E. R., *Mechanical, mach des.*
Stephenson, O. W., *Drawing*
Stern, P.
Steyer, C. C.
Stiles, W. B., *Mathematics*
Stitz, E. O., *Machine Design*
Sturm, R. G., *Gen.; Materials*
Sujata, H. L., *Mat.*
Sullivan, F. J., *Mach. Des.*
Szebehely, V. G., *Math.; Fluid Mechs.*
Tauxe, G. J., *Civil; Mech. & Mat.*
Taylor, A. D., *Civil; Structural*
Taylor, D. C., *For. Lang.; Mech. & Mat.*
Thomas, Evan, *Mathematics*
Thompson, E. D., *Hydr.*
Throop, J. F., *Civil*
Timoshenko, S. P., *Structural*
Topping, A. D., *Structural; Aero.*
Trathen, R. H., *Structural*
Tucker, LeRoy, *Geology; Mats.*
Underwood, R. H., *Mathematics; Mats.*
Uniechowski, S. R., *Naval Arch.*
Ustrud, H. O., *Structural*
Valey, V. A.
Valpey, R. G., *Mechanical*
Van Vleet, J. G., *Mechanical*
Vennard, J. K., *Fluid Mech.; Hydr.*
Vierck, R. K., *Mechanical*
Volterra, E. G., *Mechanical; Mats.*
Waling, J. L., *Civil*
Walker, C. L., *Aero.*
Walters, H. R., *Draw.; Mech. & Mat.*
Waner, N. S., *Mach. Des.; Mech. & Mat.*
Ward, Sam., *Civil*
Washa, G. W., *Materials*
Weaver, G. W.
Wendt, K. F., *Civil*
Wherry, J. E., *Struc.; Civil*
Whetstone, G. A., *Civil*

Williams, G. K., *Electrical*
Williams, W. E., *Hydraulics*
Wiseman, E. R., *Civil*
Wood, E. H.
Woodruff, O. J., *Mechanical*
Work, C. E., *Mats.*
Worley, W. J., *Thermo. & Power*
Worrell, D. T., *Electronics*
Wray, R. C., *Civil; Struc.*
Young, D.
Zisicas, G. A., *Elasticity*
Zmola, P. C., *Mechanical*

MINERAL TECHNOLOGY

Allen, J. E., *Geology*
Allen, V. T., *Geophysics*
Anselmini, L., *Mfg. Proc.; Metal.*
Barker, G. J., *Chem. Eng.*
Beeson, C. M., *Pet.; Chemical*
Blum, V. J., *Geophysics*
Bolotsky, Max, *Metallurgy*
Bond, F. C., *Mineral Dressing*
Bornemann, A., *Met.*
Botset, H. G., *Pet. & Nat. Gas; Chem.*
Boyd, G. W., *Aeronautics; Met.*
Brick, R. M., *Metallurgy*
Brune, A. W., *Geol.; Mining*
Bucky, P. B., *Mining; Physics*
Butts, Allison, *Metallurgy*
Calhoun, J. C., *Pet.; Chemical*
Carmichael, R. L., *Mining*
Chedsey, W. R., *Mining*
Childs, W. J., *Metallurgy*
Chipman, J., *Metallurgy; Chem.*
Clark, G. B., *Mining; Math.*
Cockrell, W. L., *Metallurgy; Chemical*
Coonan, F. L., *Metallurgy; Chemistry*
Cooper, B. N., *Geophysics*
Corrigan, G. L., *Pet. & Nat. Gas*
Cothern, L. I., *Mining*
Cover, G. M., *Metallurgy*
Crews, D. L., *Met.*
Crouse, C. S., *Metal.; Mining*
Culbertson, W. W., *Metallurgy*
Cunningham, J. B., *Mining; Metallurgy*
Daly, J. J., *Mining*
Daniels, Joseph, *Mining; Metallurgy*
Davidson, H. O., *Mining*
Davis, C. M., *Chem. E.*
Doan, G. E., *Metallurgy*
Dodson, C. R., *Pet. & Nat. Gas*
Doll, A. W., *Mech. & Mat.*
Dowdell, R. L., *Metallurgy*
Drevdahl, E. R.
Ducker, W. L., *Mach. Des.; Pet.*
Duncan, D. S., *Mathematics*
Duran, S. A.
Eckfeldt, Howard, *Mining; Min. Dressing*
Eisenberg, R. F., *Met.; Mech. & Mat.*
Enos, G. M., *Metal.; Mechs.*
Eppelsheimer, D. S., *Met.; Physics*
Fitterer, G. R., *Metallurgy*
Flanigan, A. E., *Mech. & Mat.; Met.*
Fontana, M. G., *Metallurgy; Mat.*
Forsyth, A. C., *Met.; Mech. & Met.*
Frank, A. J., *Geophysics; Min.*
Frush, C. O., *Mining*
Gallagher, R. T., *Mining*
Gaudin, A. M., *Mineral Dressing*
Geissler, H. H., *Pet.; Chem.*
Gerhard, G. R., *Mech. & Mat.*
Gleekman, L. W., *Chemical Eng.*
Gonzales, O., *Metallurgy*
Good, A. C., *Metallurgy; Mfg. Proc.*
Greaves-Walker, A. F., *Ceramics*
Grosvenor, A. W., *Metallurgy*
Grunenfelder, J. G.
Gudebski, H. C., *Metallurgy*
Guenther, D. V.
Guthrie, A. N.
Haga, L. J., *Chemical*
Harder, O. E., *Chem.; Metal.*
Heine, R. W., *Metal.*
Hellig, L. S., *Mining*
Heinrich, R. R., *Geol.; Hydr.*
Hess, W. F., *Met.; Elec. E.*
Hilbrick, A. P., *Pet. & Nat. Gas*
Hoffman, P. O.
Holland, C. T., *Min.*
Jacobs, R. K.
Jerabek, H. S., *Metallography*
Jones, V. L., *Geophysics*
Kempka, G. E.
Keyser, C. A., *Mat.; Met.*
Kirkpatrick, C. V., *Pet.*
Klein, F., *Geophysics*
Koth, A. W., *Metallurgy*
Kyle, P. E., *Metallurgy*
Lambe, E. P., *Power*
Latvala, W. J., *Mining*
Lazan, B. J., *Metallurgy; Mech. & Mat.*
LeCain, G. H., *Machine Design*
Le Maire, G. W., *Pet. & Nat. Gas*
Lenel, F. V.
Lewis, J. F., *Mining; Pet. & Nat. Gas*
Lewis, J. R., *Metallurgy*
Lewis, R. S., *Mining; Mineral Dressing*
Lissner, H. R., *Aeronautics*
Lord, J. O., *Metallurgy*
Ludewig, J. W., *Metallurgy*
MacIntosh, A. N., *Aeronautics; Geol.*
Mack, D. J., *Metallurgy*
Mackay, Scott, *Metallurgy*
Maddin, R.
Manderfield, N. H., *Metal.; Chemical*
Martin, A. E., *Met.*
Masson, D. L., *Mining*
Mathewson, C. H., *Chemistry; Mat.*
Maufette, P., *Mining, Geology*
McCauley, R. B., *Metallurgy*
McCormack, J. T., *Met.; Min. Dress.*
McDuffie, R. O., *Met.*
McGlashan, D. W., *Min. Dress.*
McGrady, D. D., *Metallurgy; Chem.*
Mehl, R. F., *Metallurgy*
Michaluk, W.
Miller, E. L., *Mining; Geol.*
Milligan, W. E., *Metallurgy; Chemistry*
Mooney, C. V., *Pet. & Nat. Gas*
Morgan, R. E., *Geol.; Survey.*
Morral, F. R., *Met.*
Nelson, W. L., *Pet. & Nat. Gas*
Nold, H. E., *Mining*
Ockerblad, A. M., *Surveying*
Peretti, E. A. J., *Metallurgy*
Phillips, Arthur, *Metallurgy; Chemistry*
Pifer, D. A.
Plank, W. B., *Mining; Metallurgy*
Power, H. H., *Pet. & Nat. Gas; Chemical*
Quier, K. E., *Heat Power; Power Plants*
Raudebaugh, R. J., *Metallurgy*
Roberts, J. P., *Metal.*
Robertson, F., *Geophysics*
Robertson, W. D.
Rose, K. E., *Metallurgy; Mech.*
Rosenholtz, J. L., *Geol.*
Rosenthal, P. C., *Min. & Met.*
Rundle, W. J., *Min. Dress.*
Schlechten, A. W., *Metallurgy*
Schneidewind, R., *Metallurgy*
Schramm, E. F., *Gas & Geology; Min.*
Schuhmann, R., *Met., Min. Dress.*
Serviss, F. LeV., *Geology, Met.*
Shaffer, L. E., *Mining*
Shaffer, R. E., *Metallurgy*
Shaw, G. M.
Sherman, G. W., *Metallurgy*
Shorey, E. R., *Min. Dress.*
Shorts, W. E., *Metallurgy*
Shotts, R. Q., *Fuels; Thermo. & Power; Geol.*
Sidwell, C. V.
Signer, M. I., *Mining*
Smith, A. J., *Metallurgy*
Smith, D. T., *Civil; Geol.*
Smith, M. C., *Metal.*
Smyth, W. I.

Snelgrove, A. K., *Mining & Geology*
Spielman, J. P., *Metallurgy*
Stansbury, E. E., *Chemical; Metal.*
Starkweather, E. R.
Sterk, R. P., *Pet.*
Stewart, J. W., *Mining*
Stuckey, J. L., *Geology*
Sweet, R. L., *Met.; Chem.*
Swift, R. E., *Metallurgy; Mining*
Thompson, A. J., *Min.*
Tolonen, F. J., *Metallurgy*
Truckenmiller, W. C., *Metallurgy*
Tullis, E. L., *Geology; Physics*
Upthegrove, C., *Metallurgy*
Uren, L. C., *Petroleum; Econ.*
Vance, Harold, *Pet. and Natural Gas*
Van Duzee, G. R., *Met.; Mech. & Mat.*
Voelker, M. J.
Wagner, H. A., *Mining; Metallurgy*
Wagner, H. A., *Metallurgy; Min. Dress.*
Wallace, W. P., *Metallurgy*
Westermann, F. E., *Metallurgy*
White, H. V., *Metallurgy*
Wichmann, A. P., *Metallurgy; Mineral*
Williams, R. S., *Metallurgy*
Wing, L. A., *Geology*
Wright, E. C.
Wyant, R. A., *Metallurgy*
Young, L. E., *Mining*
Yuster, S. T., *Pet.; Chem.*
Zmeskal, O., *Metallurgy; Chemistry*

PHYSICS

Adams, C. L., *Mathematics*
Adler, F. T.
Albright, J. G., *Surveying*
Albright, P. S., *Aeronautics*
Alexander, L. M.
Applegate, C. E., *Electrical*
Avil, R. D., *Electrical*
Balinkin, I., *Ceramics*
Ballard, S. S., *Industrial*
Banick, W. G., *Mathematics*
Banks, C. W., *Civil; Mech. & Mat.*
Bauer, R. E.
Beck, C. K.
Bennett, C. E., *Mathematics*
Bennett, D. M., *Mathematics*
Benson, H. W., *Electrical*
Berning, C. F.
Bertsch, C. V., *Mathematics*
Bessey, W. H.
Biscoe, J.
Blisard, T. J.
Bortell, E. E., *Electrical*
Branson, H. R., *Math.*
Brewington, G. P., *Mathematics*
Brown, E. J., *Mathematics*
Brown, F. L., *Mathematics*
Broxon, J. W., *Mathematics*
Buchbinder, M. M., *Electronics*
Byck, L. C., Jr., *Chem. Engrg.*
Carragan, G. H.
Cobine, J. D., *Electronics*
Colvert, W. W., *Mathematics*
Coolidge, J. A., *Mathematics*
Copeland, P. L., *Mathematics*
Counts, G. A.
Cowell, S. E.
Creutz, E.
Cuykendall, T. R.
Dick, E. G., *Mathematics*
Doll, A. W., *Mechanics*
Dowdell, R. L., *Metallography*
Driscoll, W. G., *Mathematics*
Dubosky, S. W., *Mathematics*
Duncan, D. C., *Mathematics*
Duncan, D. S., *Mathematics*
Dwight, C. H., *Arch. E.*
Dyer, W. E., *Mathematics*
Earl, E. P.
Eatherton, L. J.
Emery, D. L., *Chemical*
Ewalt, W. P.
Fisher, J., *Mathematics*
Flake, G.
Fleckenstein, E. L.
Foster, E. S., *Pet. Tech.*
Frey, A. R., *Electronics*
Froula, H. C., Jr., *General*
Fry, H. M., *Electronics*
Fuller, H. Q., *Math.*
Gager, F. M., *Electrical; General*
Gale, G. O., *Electrical*
George, V. C., *Mathematics*
Gibbs, R. C., *Mathematics*
Gillette, E. C., Jr., *Electrical; Chem.*
Goliber, P. F.
Grantham, G. E.
Greenbaum, B. A., *Electronics*
Guthrie, A. N., *Pers.*
Gwinn, I. J., *Engineering Drawing*
Hall, V. B., *Mechanics*
Halsey, Hugh, *Math.*
Hammond, T. M., *Mathematics*
Harlow, J. G., *Education*
Harty, J. H.
Hausman, E. L., *Aeronautics*
Hawkes, J. B.
Hazeltine, L. A., *Mechanical*
Heflin, S. M., *Mech.*
Heinrich, R. R.
Heller, R., *Mathematics*
Henderson, R. B.
Herreman, H. M., *Technical Institute*
Hertel, K. L., *Mathematics*
Hett, J. H., *Mathematics*
Hilton, W. A., *Civil; Surv.*
Hoffman, P. O., *Mechanics*
Hollnagel, H. P.
Houston, W. V., *Edu. Adm.*
Howey, J. H.
Hume, W., *Civil*
Janke, R. A., *Electrical*
Johnson, A. M., *Math.*
Johnson, H. J.
Johnson, L. V.
Johnston, P. K.
Jones, H. W.
Jones, M. W., *Civil*
Keehner, J. B., *Science*
Kenyon, C. D.
Knight, N. H.
Kovarik, A. F., *Mathematics*
Lake, R. E., *Electrical*
Lambe, E. P., *Electrical, power*
Lancaster, F. W., *Chemistry; Math.*
Lansing, N. F., *Thermo. & Power*
Lark-Horovitz, K.
Larsen, K. D., *Hydrodynamics*
Leifson, S. W.
Long, E. L.
Longacre, W. A., *Mechanics*
Lowe, C. B., *Math.*
Loyd, C. M., *Gen.; Physics*
Lynn, J. T.
MacDonnell, R. B., *Mechanics*
MacIntosh, A. N., *Min.*
Malnardi, M. N., *Mech. & Mat.*
Mallory, F.
Marsh, R. W., *Tech. Inst.*
Martin, D. W.
Mayer, K. L., *Mathematics*
McClure, O. E., *Power*
McDonald, K. M.
McIntire, S. H., *Mech.*
Meares, J. S.
Merritt, H. W., *Mechanics and Materials*
Michener, W. H.
Miller, E. F.
Mingins, C. R., *Math.; Elec.*
Moore, K. H., *General Engrg.*
Morgan, H. E.
Morrow, E. A., *Draw.*
Mullen, C. F., *Mathematics; Science*
Myers, F. E., *Ballistics*

Nielsen, P. E., *Mechanics*
O'Brien, P. F., *Electrical*
Oliphint, J. B., Jr., *Mach. Des.*
Orens, I. P., *Edu. Adm.*
Owens, W. J., *Elec.*
Parke, E. C., Jr., *Electrical*
Pereira, D A., *Electrical; Tech. Inst.*
Peterson, W. E., *Drawing*
Pietenpol, W. B., *Mathematics*
Piper, F. F., *Electrical*
Pomeroy, G. A., *Electrical*
Porter, R. A., *Mathematics*
Potter, J. G.
Powers, P. N., *Atomic Energy*
Pratt, C. J., *Mech. & Mat.*
Price, R. M.
Prosser, E. T.
Pugh, E. M., *Electrical*
Ramberg, E. G. F., *Hydr.*
Renzema, T. S.
Richardson, D. E., *Communications*
Ripley, J. A.
Robert, R. A., *Mathematics*
Robertson, F., *Geophysics; Mechs.*
Sagen, G. O., *Mathematics*
Sagurton, J. R., *Mathematics*
Sawyer, R. B.
Schade, G. E., *Electrical*
Scott, J. E., *Elec. & Comm.*
Sears, F. W.
Seeger, R. J.
Selvidge, H., *Electronics*
Sermon, T. C.
Service, J. H., *Surveying*
Sheldon, H. H., *Electronics*
Shurrager, P. S., *Industrial*
Silkett, A. F., *Psychology*
Silvey, O. W., *Mathematics*
Slack, E. P., *Electronics*
Slack, F. G.
Smith, E. G.
Smith, H. H., *Mathematics*
Smith, L. P.
Smith, P. W., *Civil*
Steele, K.
Stephenson, S. T.
Stevens, C. H., *Math.*
Stewart, G. W.
Stockland, L., *Chemistry*
Thomas, C. D., *General*
Toole, C. E.
Turin, J. J.
Turner, L. A., *Head*
Twogood, A. J., *Math.*
Valle, R. B.
Van Vliet, J. L., *Chemical*
Wasson, H. P.
Watson, E. C.
Weber, L. R.
Webster, J. C., *Heat Power*
Weinberg, E. B., *Mathematics*
Weller, M. R., *Personnel*
Werts, C.
Whitaker, M. D.
White, M. W.
Willard, W. W., *Chemistry*
Willis, H. W.
Wood, C. H., *Chemistry*
Woods, F. P.
Yadoff, O., *Elec.*

SHOP AND MECHANIC ARTS

Adams, H. P.
Anderson, R. D.
Armstrong, W. H., *Industrial*
Austin, A. A.
Bailey, A. P., *Mat.*
Beatty, H. R., *General; Industrial*
Benedict, Otis, *Mfg. Proc.*
Bigelow, R. G., *Industrial*
Blankley, R. E., *Industrial*
Bradley, F. R.
Brickler, A. J.
Burchfield, G. E.
Byers, E. C., *Mechanics*
Carlson, W. W., *Mechanical*
Carr, F. J.
Chase, H. W.
Cheek, F. J., *Civil*
Cope, R. L., *Ind. E.*
Coulam, J., *Bldg. Constr.*
Cushing, R. F., *Electronics*
Fanning, C. L.
Gupton, J. M.
Harty, J. H., *Research*
Hatcher, L. W.
Hausman, P. G., *Industrial*
Heming, L. J.
Henry, G. F., *Industrial*
Horton, E. M., *Electrical*
House, H. E., *Mechanical*
Hoy, H. H., *Mechanical*
Hunt, De Witt, *Safety*
Johnson, C. G., *Metallurgy*
Jones, C. B., *Metal.*
Kahlert, C. G.
Kiely, T. M., *Ind. E.; Mfg. Proc.*
Kirklin, B. C., *Tech. Inst.*
Kob, H. H., *Drawing; Industrial*
Lindley, R. W., *Gen.*
Mackin, F. L.
Nesbitt, R. E., *Mechanical*
Nyman, R. A., *Woodwork & Bldg.*
Portella, M. M.
Rix, C. N., *Mechanical*
Robley, A. A., *Ind. Eng.*
Roney, M. W., *General*
Rowland, M. R., *Mechanical; Eng. Draw.*
Rust, H. O.
Schlegel, E. J.
Sellers, G. A., *Industrial*
Soderstrom, E. D.
Starr, C. J., *Mechanical, mfg. processes*
Timmons, G. G.
Tollinger, C., *Mechanical*
Tonkin, J. C., *Mechanical, mfg. processes*
Welch, H. E., *Drawing*
Wittig, F. E., *Heat Power*
Zellos, D., *Industrial*

TECHNICAL INSTITUTE

Adams, H. P.
Ajax, F. W.
Baars, E. S. H., *Refriger. E.*
Bensman, C. H., *Elec.*
Borkert, J. J., *Mech.; Draft.*
Bosted, N. P., *Physics*
Chapin, L. W.
Cotton, G. R.
Dimasi, L. A., *Electronics*
Dobbs, F. E.
Ellingson, M.
Emerson, C. L.
Eskew, R. E.
Filson, H. R.
Fitzgibbons, J. J., *Electrical*
Fleckenstein, E. L., *Electrical*
Foster, C. L.
Greco, C. S., *Power*
Hannum, J. E.
Heath, E. B., *Power*
Hefner, R. A.
Hoffman, L. A.
Holderman, K. L.
Johnson, L. V.
Keating, A. E.
Knott, C. E.
Krauss, J. E., *Ind.*
Lauder, B. F.
Manahan, J. R., *Aero.*
Mason, J. W.
McCallick, H. E.
Meier, P. T.
Metz, D. C., *Industrial*

Moseley, C. C.
Neilly, V. E., *Electrical*
Nunn, T. R., *Human.-Social*
O'Meara, S. R.
Ostertag, C. W., *Ind.*
Panton, H. A., *Math.*
Reid, C. T.
Relich, N.
Rodes, H. P.
Shanks, W. D., *Shop*
Sitterley, L. J.
Smith, L. F.
Stoelk, H. W., *Mach. Des.*
Swart, H. W.
Thorogood, B. K.
Van Wyck, P. S., *Shop*
Watson, E. C.
Watson, E. W., *Electrical*
Werwath, H. M.
Werwath, K. O.
Williamson, H. A., *Engl.; Hist.*
Willson, W. H., *Mech.*
Winn, C. C.
Zacher, C. H., *Drawing*

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TOTAL MEMBERS, PAST AND PRESENT

		INDIVIDUAL	INSTITUTIONAL
Aug.	20, 1894	156	
Sept.	2, 1895	184	
Aug.	20, 1896	200 (about)	
Aug.	16, 1897	203	
Aug.	18, 1898	226	
Aug.	17, 1899	238	
July	2, 1900	249	
June	29, 1901	261	
June	27, 1902	253	
July	1, 1903	271	
Sept.	1, 1904	325	
June	28, 1905	379	
July	2, 1906	400	
July	1, 1907	415	
June	27, 1908	675	
June	24, 1909	759	
June	23, 1910	848	
June	27, 1911	1,071	
June,	1912	1,102	
June,	1913	1,158	
March,	1914	1,339	45
July	1, 1915	1,452	47
March,	1916	1,504	55
March,	1917	1,505	58
March,	1918	1,506	66
April,	1920	1,511	70
April,	1922	1,589	86
March,	1923	1,694	88
March,	1926	1,988	120
June,	1927	1,995	120
May,	1928	2,025	117
Nov.,	1929	2,169	117
Nov.	1, 1930	2,192	118
Nov.	30, 1931	2,274	120
Nov.	8, 1932	2,227	121
Jan.	27, 1934	2,271	121
Jan.	1, 1935	2,453	120
Feb.	1, 1937	2,490	120
Feb.	10, 1938	2,901	136
Feb.,	1939	2,929	141
Feb.,	1940	3,086	147
Feb.,	1941	3,220	153
Feb.,	1942	3,269	157
Feb.,	1943	3,426	154
Feb.,	1944	3,855	160
Feb.,	1945	3,787	161
Feb.,	1946	3,946	165
Feb.,	1947	4,463	168
Feb.,	1948	5,175	168
Feb.,	1949	5,697	169
Feb.,	1950	6,517	175
Feb.,	1951	6,795	176
Feb.,	1952	6,940	198

Individual Members	6,940
Institutional Members	198
Total Membership	7,138

MEETINGS OF THE SOCIETY

Date	*Location*	*President of the Society*
1893, July 30–Aug. 5	Chicago, Ill.*	I. O. Baker, Univ. of Ill. (Chairman, Section E.)
1894, Aug. 20–21	Brooklyn Polytechnic Institute, Brooklyn, N. Y.	DeVolson Wood, Stevens Inst. of Technology.
1895, Sept. 2–4	Springfield, Mass.	G. F. Swain, Massachusetts Inst. of Technology.
1896, Aug. 20–22	Buffalo, N. Y.	Mansfield Merriman, Lehigh Univ.
1897, Aug. 16–18	University of Toronto, Toronto, Ontario.	H. T. Eddy, Univ. of Minn.
1898, Aug. 18–20	Boston, Mass.	J. B. Johnson, Wash. Univ., Missouri.
1899, Aug. 17–19	The Ohio State University, Columbus, O.	T. C. Mendenhall, Worcester Polytechnic Inst.
1900, July 2–3	Columbia University, New York City.	I. O. Baker, Univ. of Ill.
1901, June 29–July 2	Buffalo, N. Y.	F. O. Marvin, Univ. of Kans.
1902, June 27–28	Pittsburgh, Pa.	Robert Fletcher, Dartmouth College.
1903, July 1–3	Niagara Falls, N. Y.	C. M. Woodward, Wash. Univ., St. Louis.
1904, Sept. 1–3	St. Louis, Mo.	C. F. Allen, Mass. Inst. of Technology.
1905, June 28–29	Atlantic City, N. J.	F. W. McNair, Mich. Coll. of Mines.
1906, July 2–3	Cornell University, Ithaca, N. Y.	C. L. Crandall, Cornell Univ.
1907, July 1–3	Case School of Applied Science, Cleveland, O.	D. C. Jackson, M. I. T.
1908, June 24–27	Detroit, Mich.	Chas. S. Howe, Case School of Applied Science.
1909, June 24–26	Columbia University, New York City.	F. E. Turneaure, Univ. of Wis.
1910, June 23–25	University of Wisconsin, Madison, Wis.	H. S. Munroe, Columbia Univ.
1911, June 27–29	Carnegie Institute of Technology and the University of Pittsburgh, Pittsburgh, Pa.	A. N. Talbot, Univ. of Ill.
1912, June 26–29	M. I. T., Harvard and Wentworth, Boston, Mass.	W. G. Raymond, Univ. of Iowa.
1913, June 24–26	University of Minnesota, Minneapolis, Minn.	W. T. Magruder, Ohio State Univ.
1914, June 23–26	Princeton University, Princeton, N. J.	G. C. Anthony, Tufts College, Mass.
1915, June 22–25	Iowa State College, Ames, Ia.	Anson Marston, Iowa State College.
1916, June 19–22	University of Virginia, University, Va.	H. S. Jacoby, Cornell Univ.
1917, July 6–7	Washington, D. C.	G. R. Chatburn, Univ. of Neb.
1918, June 26–29	Northwestern University, Evanston, Ill.	M. S. Ketchum, Univ. of Colo.
1918, December 6–7 †	Cambridge, Mass.	J. F. Hayford, Northwestern University.
1919, June 25–28	Johns Hopkins University, Baltimore, Md.	J. F. Hayford, Northwestern University.
1920, June 29–July 2	University of Michigan, Ann Arbor, Mich.	A. M. Greene, Jr., Rensselaer Polytechnic Inst.
1921, June 28–July 1	Yale University, New Haven, Conn.	M. E. Cooley, Univ. of Mich.
1922, June 20–23	University of Illinois, Urbana, Ill.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1923, June 20–23	Cornell University, Ithaca, N. Y.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1924, June 25–28	University of Colorado, Boulder, Colo.	P. F. Walker, Univ. of Kans.

* Meeting of Section E, Engineering Education, of the World's Engineering Congress, at which the S. P. E. E. was organized.

† Joint Meeting with the British Educational Mission to the United States. The meeting was called at the request of the Committee on International Relations of the American Council on Education.

1925, June 16–20	Union College, Schenectady, N. Y.	A. A. Potter, Purdue Univ.
1926, June 16–18	State University of Iowa, Iowa City, Ia.	G. B. Pegram, Columbia Univ.
1927, June 27–30	University of Maine, Orono, Maine.	O. M. Leland, Univ. of Minn.
1928, June 26–29	University of North Carolina, Chapel Hill, N. C.	R. L. Sackett, Penna. State College.
1929, June 19–21	The Ohio State University, Columbus, Ohio.	Dexter S. Kimball, Cornell University.
1930, June 26–28	Ecole Polytechnique, McGill University, Montreal, Canada.	R. I. Rees, American T. & T. Co.
1931, June 17–19	Purdue University, Lafayette, Ind.	H. S. Boardman, University of Maine.
1932, June 29, 30–July 1	Oregon State College, Corvallis, Ore.	H. S. Evans, University of Colorado.
1933, June 27–30	Stevens Hotel, Chicago, Ill.	R. A. Seaton, Kansas State College.
1934, June 19–23	Cornell University, Ithaca, N. Y.	W. E. Wickenden, Case School of Applied Science.
1935, June 24–27	Georgia School of Technology, Atlanta, Ga.	C. C. Williams, State University of Iowa.
1936, June 23–26	University of Wisconsin, Madison, Wis.	D. S. Anderson, Tulane University.
1937, June 28–July 2	Massachusetts Institute of Technology and Harvard University, Cambridge, Mass.	H. P. Hammond, Polytechnic Institute of Brooklyn.
1938, June 27–30	A. & M. College of Texas College Station, Texas.	S. B. Earle, Clemson College.
1939, June 19–23	Pennsylvania State College, State College, Pa.	K. T. Compton, Mass. Inst. of Tech.
1940, June 24–28	University of California, Berkeley, Calif.	O. J. Ferguson, University of Nebraska.
1941, June 27–30	University of Michigan, Ann Arbor, Mich.	D. B. Prentice, Rose Polytechnic Institute.
1942, June 29–July 2	New York City.	A. H. White, University of Michigan.
1943, June 18–20	Illinois Institute of Technology, Chicago, and Northwestern University, Evanston, Ill.	H. T. Heald, Illinois Institute of Technology.
1944, June 25–28	University of Cincinnati, Cincinnati, Ohio	Robert E. Doherty, Carnegie Institute of Technology.
*1945, June 21–24	Washington University, St. Louis, Mo.	H. S. Rogers, Polytechnic Institute of Brooklyn.
1946, June 20–23	Washington University, St. Louis, Mo.	H. S. Rogers, Polytechnic Institute of Brooklyn.
1947, June 18–21	University of Minnesota, Minneapolis, Minn.	Huber O. Croft, University of Iowa.
1948, June 14–18	University of Texas, Austin, Texas.	C. E. MacQuigg, Ohio State University.
1949, June 20–24	Rensselaer Polytechnic Institute, Troy, N. Y.	C. J. Freund, University of Detroit.
1950, June 19–23	University of Washington, Seattle, Wash.	Thorndike Saville, New York University.
1951, June 25–29	Michigan State College, East Lansing, Michigan	F. M. Dawson, State University of Iowa.
1952, June 23–27	Dartmouth College, Hanover, N. H.	S. C. Hollister, Cornell University.

* Cancelled at request of War Committee on Conventions, Office of Defense Transportation.

SUMMER SCHOOLS FOR ENGINEERING TEACHERS

1927—Engineering Mechanics, Cornell University.
1927—Engineering Mechanics, University of Wisconsin.
1928—Electrical Engineering, University of Pittsburgh, and Westinghouse E. & M. Company.
1928—Physics, Massachusetts Institute of Technology.
1929—Mechanical Engineering, Purdue University.
1930—Civil Engineering, Yale University.
1930—Engineering Drawing and Descriptive Geometry, Carnegie Institute of Technology.
1931—Chemical Engineering, University of Michigan.
1931—Mathematics, University of Minnesota.
1932—Economics, Stevens Institute of Technology.
1932—English, The Ohio State University.
1933—Mining and Metallurgy, University of Wisconsin.
1933—Conference of Administrative Officers, University of Wisconsin.
1939—Chemical Engineering, The Pennsylvania State College.
1941—Mechanical Engineering, Purdue University.
*1945—Engineering Drawing.
1946—Engineering Drawing, Washington University.
1947—Mechanical Engineering, Northwestern University.
1948—Chemical Engineering, University of Wisconsin.
1949—Mechanical Engineering, Rensselaer Polytechnic Institute.
1950—Mechanics, Iowa State College.
Humanistic-Social, University of Washington.
North Midwest Section, University of Minnesota.
Civil Engineering (Photogrammetry), University of Denver.
1951—Humanistic-Social, Michigan State College.
Engineering Drawing, Michigan State College.
Mechanical Engineering (Thermodynamics), Michigan State College.
1952—Electrical Engineering, Dartmouth College.
English, Dartmouth College.

* Cancelled at request of War Committee on Conventions, Office of Defense Transportation.

PAST OFFICERS

PRESIDENTS

DE VOLSON WOOD,* 1893–4,
GEORGE F. SWAIN,* 1894–5,
M. MERRIMAN,* 1895–6,
HENRY T. EDDY,* 1896–7,
JOHN B. JOHNSON,* 1897–8,
T. C. MENDENHALL,* 1898–9,
IRA O. BAKER,* 1899–1900,
FRANK O. MARVIN,* 1900–1,
ROBERT FLETCHER,* 1901–2,
CALVIN M. WOODWARD,* 1902–3,
C. FRANK ALLEN,* 1903–4,
FRED W. McNAIR,* 1904–5,
CHARLES L. CRANDALL,* 1905–6,
DUGALD C. JACKSON,* 1906–7,
CHARLES S. HOWE,* 1907–8,
FRED. E. TURNEAURE, 1908–9,
HENRY S. MUNROE,* 1909–10,
ARTHUR N. TALBOT,* 1910–11,
WM. G. RAYMOND,* 1911–12,
WM. T. MAGRUDER,* 1912–13,
G. C. ANTHONY,* 1913–14,
ANSON MARSTOM,* 1914–15,
HENRY S. JACOBY, 1915–16,
GEORGE R. CHATBURN,* 1916–17,
MILO S. KETCHUM,* 1917–18,
JOHN F. HAYFORD,* 1918–19,
A. M. GREENE, JR., 1919–20,
MORTIMER E. COOLEY,* 1920–21,
C. F. SCOTT,* 1921–22, 1922–23,
P. F. WALKER,* 1923–24,
A. A. POTTER, 1924–25,
G. B. PEGRAM, 1925–26,
O. M. LELAND, 1926–27,
R. L. SACKETT,* 1927–28,
D. S. KIMBALL, 1928–29,
R. I. REES,* 1929–30,
H. S. BOARDMAN, 1930–31,
H. S. EVANS, 1931–32,
R. A. SEATON, 1932–33,
W. E. WICKENDEN,* 1933–34,
C. C. WILLIAMS,* 1934–35,
D. S. ANDERSON, 1935–36,
H. P. HAMMOND, 1936–37,
S. B. EARLE, 1937–38,
K. T. COMPTON, 1938–39,
O. J. FERGUSON, 1939–40,
D. B. PRENTICE, 1940–41,
A. H. WHITE, 1941–1942,
H. T. HEALD, 1942–43,
ROBERT E. DOHERTY,* 1943–44,
HARRY S. ROGERS, 1944–45, 1945–46,
H. O. CROFT, 1946–47,
C. E. MacQUIGG, 1947–48,
C. J. FREUND, 1948–49,
THORNDIKE SAVILLE, 1949–50,
F. M. DAWSON, 1950–51.

VICE-PRESIDENTS (since 1930)

E. A. HITCHCOCK,* ED. BENNETT,* 1929–30,
C. FRANCIS HARDING,* R. A. SEATON, 1930–31,
D. S. ANDERSON, H. H. JORDAN, 1931–32,
PAUL CLOKE, H. S. ROGERS, 1932–33,
F. V. LARKIN, B. M. BRIGMAN,* 1933–34,
H. P. HAMMOND, GEO. C. SHAAD,* 1934–35,
P. H. DAGGETT, S. B. EARLE, 1935–36,
IVAN C. CRAWFORD, SADA A. HARBARGER,* 1936–37,
K. T. COMPTON, F. C. BOLTON, 1937–38,
G. W. CASE, M. L. ENGER, 1938–39,
R. W. SORENSEN, D. B. PRENTICE, 1939–40,
E. L. MORELAND,* L. E. CONRAD, 1940–41,
H. T. HEALD, F. L. EIDMANN,* 1941–42,
C. E. MacQUIGG, B. M. WOODS, 1942–43,
A. R. CULLIMORE, H. J. GILKEY, 1943–44,
N. W. DOUGHERTY, H. M. CROTHERS, 1944–45, 1945–46,
J. R. KILLIAN, E. B. NORRIS, 1946–47,
C. J. FREUND, 1946–1948, THORNDIKE SAVILLE, 1948–49,
S. S. STEINBERG, 1947–49, B. J. ROBERTSON, 1947–50,
F. M. DAWSON, 1946–50,
H. H. ARMSBY, 1949–51, F. E. TERMAN, 1949–51.

* Deceased.

TREASURERS

W. O. WILEY, 1907–42.
JAMES S. THOMPSON, 1942–50,
C. L. SKELLEY, 1950–.

SECRETARIES

F. L. BISHOP,* 1914–47,
A. B. BRONWELL, 1947–.

ASSISTANT SECRETARY

NELL McKENRY, 1918–48,
DOROTHY DAUM, 1949–50.
C. E. WATSON, 1951–.

For futher information on past officers, refer to the February 1947 issue of the Journal of Engineering Education.

* Deceased.

SINCE 1941

ELECTIVE MEMBERS OF PREVIOUS COUNCILS

Terms of Office Expired in 1941

H. H. Armsby,
H. T. Heald,
Louis Mitchell,
C. A. Mockmore,
R. B. Wiley.
W. B. Plank,
J. S. Thompson,

Terms of Office Expired in 1942

K. H. Condit,
R. C. Ernst,
V. M. Faires,
H. A. Fisher,
B. M. Woods.
C. L. Kinsloe,
L. G. Straub,

Terms of Office Expired in 1943

W. O. Birk,
H. E. Degler,
A. R. Cullimore,
C. S. Ell,
G. T. Seabury.*
H. A. Curtis,
D. P. Savant,

Terms of Office Expired in 1944

J. H. Belknap,
N. W. Dougherty,
A. C. Callen,*
S. Fairman,
R. P. Hoelscher.
F. M. Dawson,
C. J. Freund,

Terms of Office Expired in 1945

H. L. Dodge,
C. E. Lawall,
J. C. Elgin,
R. L. Spencer,*
Joseph Weil.
L. J. Fletcher,
C. E. Tucker,

Terms of Office Expired in 1946

E. L. Eriksen,
R. H. Spahr,
W. O. Hotchkiss,
G. L. Sullivan,
W. R. Woolrich.
Thorndike Saville,
F. L. Wilkinson,

Terms of Office Expired in 1947

H. W. Barlow,
L. E. Conrad,
H. L. Dodge,
E. D. Howe,
D. F. Miner,
J. E. Thornton,
A. B. Bronwell,
H. A. Dangel,
W. R. Dumble,
R. C. Kintner,
Glenn Murphy,
H. W. Wood,
E. S. Burdell,
C. L. Dawes,
C. D. Fawcett,
J. H. Lampe,
G. K. Palsgrove,
J. H. Zant.

Terms of Office Expired in 1948

A. W. Turner,
L. S. Letellier,
W. C. White,
F. G. Higbee,
S. C. Lind,
P. N. Lehoczky,
B. E. Short,
W. B. Plank,
D. F. Miner,
W. M. Lansford,
T. C. Hanson,
G. F. Bateman,*
H. McIntyre,
E. D. Howe,
W. O. Birk,
W. R. Woolrich.

Terms of Office Expired in 1949

J. H. Koffolt,
C. G. Brennecke,
C. Wandmacher,
J. H. Zant.
E. S. Burdell,
R. V. James,
J. G. Potter,
W. L. Hughes,*
L. E. Conrad,
S. H. Van Wambeck,
H. H. Armsby,
W. C. White,
O. M. Stone,
E. L. Grant,
L. J. Lassalle.

* Deceased.

Terms of Office Expired in 1950

F. L. Schwartz,
G. J. Barker,
L. E. Grinter,
C. A. Brown,
S. S. Steinberg,
O. N. Olson,
J. T. Strate,
J. B. Wilbur,
A. G. Conrad,
R. P. Hoelscher,
O. E. Osburn.
L. R. Blakeslee,
F. T. Mavis,
J. K. Walkup,
M. E. Farris,
H. J. Barre,

Terms of Office Expired in 1951

H. W. Barlow,
R. A. Ragatz,
M. B. Robinson,
G. B. Hoadley,
R. L. Shurter,
H. R. Beatty,
J. E. Thornton,
H. K. Justice,
E. C. Clark,
C. E. Bennett,
J. C. McKeon, Jr.,
K. L. Holderman,
W. A. Koehler,
W. L. DeBaufre,
M. T. Ayers,
R. Z. Williams,
E. R. McKee,
R. D. Landon,
H. H. Wheaton,
F. J. Lewis.

CONSTITUTION AND BY-LAWS

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

Formerly the Society for the Promotion of Engineering Education

ARTICLE I

Name and Objects

Section 1. The name of this organization shall be the American Society for Engineering Education.

Section 2. The Society shall be a continuation of the Society for the Promotion of Engineering Education and its organization and purpose shall be expanded so as to include those of the Engineering College Research Association.

Section 3. The purpose of this Society shall be the advancement of education in all its functions which pertain to engineering and allied branches of science and technology, including the processes of teaching and learning, research, extension services, and public relations. The Society shall serve its members as a common agency of stimulation and guidance in: (*a*) the formulation of the general goals and responsibilities of engineering education for the service of individuals and the advancement of general welfare, (*b*) the adjustment of curricula and educational processes to changing conditions; (*c*) the development of effective teachers and administrators; (*d*) the improvement of instructional materials and methods, of personnel practices, and of administrative usages; (*e*) the enhancement of professional ideals and standards; (*f*) the fostering of research as a function collateral to teaching; (*g*) the coordination of institutional aims and programs, both among schools and colleges and in their joint relations with professional, educational, and public bodies; and (*h*) the cultivation of a fraternal spirit among teachers, administrators, investigators, practitioners, and industrialists.

ARTICLE II

Membership

Section 1. Membership in the Society shall be of two general classes, Individual and Institutional.

Section 2. Individual membership shall be of two classes, Active and Honorary. It shall comprise those persons who occupy or have occupied responsible positions in engineering instruction, research, or practice, and other persons interested in engineering education.

Section 3. Honorary members of the Society shall be such persons as may be approved by a favorable vote of at least three-fourths of the members of the General Council in a letter ballot to be taken by the Secretary on the recommendation of twenty members of the Society in the manner provided hereinafter for proposals for individual members. Councilors not heard from within one month from the date of mailing the ballots will be counted in favor of the candidate. Honorary members shall enjoy all the privileges of the Society excepting the right to vote, and to hold office, and shall not be required to pay any fees or dues.

Section 4. A member in good standing may become a life member, exempt from all future payments for dues, by a single payment of an amount equal to twenty times the annual dues for members. Such payments received by the Society shall be placed in a separate fund known as the Life Membership Fund. The interest earned on this fund shall be used as current income.

Section 5. An individual member who has been in good standing for twenty-five (25) years or more, who has reached the age of

sixty-five (65) years, and who has retired from active professional life, may, upon written request, be designated as a life member by vote of the General Council, and shall thereafter be exempt from payment of dues.

Section 6. The name of each candidate for active individual membership shall be proposed in writing to the Secretary by two members of whom the candidate is personally known. The proposal shall state the qualifications on which it is based. An affirmative letter ballot of three-fourths of those members of the General Council whose votes reach the Secretary within one month from the time of sending out the name of the candidate shall elect.

Section 7. Institutional members shall be of three classes: Active, Associate, and Affiliate. Active members shall be institutions which are eligible to participate in either or both of the institutional membership Councils. Associate members shall be professional organizations of engineers, research institutions, and industrial associations or organizations which have a major interest in engineering education. Affiliate members shall be other educational institutions engaged in technical instruction which have one or more curricula accredited by Engineers' Council for Professional Development or which are accredited by a major regional educational association.

Section 8. Active member institutions shall be only those offering curricula leading to baccalaureate or higher degree in engineering and having one or more curricula accredited as such by Engineers' Council for Professional Development, or if not within its jurisdiction must have one or more engineering curricula whose standards as judged by a competent accrediting agency are not lower than those of that Council. In the absence of any such accrediting agency the Executive Board of the Society shall have the power to judge of the equivalence of standards.

Section 9. All institutions which meet the conditions described in section 8 shall be eligible to participate as voting members in the Engineering College Administrative Council. To be eligible for voting participation in the Engineering College Research Council it is further required that the institution's research organization or activity shall have existed for at least three (3) years and shall have expended for engineering research during the three (3) fiscal years next preceding the date of its admission to the Council not less than that sum prescribed in the bylaws of the Engineering College Research Council.

Section 10. An institution may be proposed for membership by an official representative of any member institution who is familiar with the work of the institution proposed; or application for admission may be made directly by a responsible officer of the institution concerned. In either case the proposal or application shall be made in writing, addressed to the Secretary of the Society, and shall indicate the grade of membership applied for and the Council or Councils in which it wishes to participate.

Section 11. The Executive Board shall determine the eligibility of the applicant for membership of any class in the Society. The Executive Board shall have the power to elect Associate and Affiliate members of the Society by letter ballot, but shall refer applications for Active membership to the Executive Committee of each of the Councils in which the applicant desires to participate, each such Executive Committee being empowered to admit the applicant to the Council which it represents. All elections shall require a two-thirds favorable vote of the ballots cast. Institutions thus elected to membership in either or both of the institutional Councils thereby become Active institutional members of the Society.

ARTICLE III

Organization

Section 1. The means to ends specified in Article I, section 3, shall include the establishment of subordinate units of organization as needed to serve local, regional, departmental, or functional interests, the holding of meetings, conferences, and special schools, the setting up of agencies for educational inquiry, research, or planning, and the publication of papers, reports, researches, communications, and other significant materials concerned with engineering education.

Section 2. The Society shall be an organization of individual and institutional members and shall operate in two coordinate areas of activity corresponding to the respective interests of these groups. Its general activities shall be administered by an Executive Board (see Article V). The

activities of its individual members shall be conducted under a General Council (see Article VI) and the activities of its institutional members through an Engineering College Research Council (see Article VIII) and an Engineering College Administrative Council (see Article IX).

The individual members of the Society shall further be organized in groups to function as (*a*) sections in specified territories; (*b*) branches formed by members of single institutions and (*c*) divisions with important subjects of instruction or research, under provisions as hereinafter set forth.

ARTICLE IV

Officers

There shall be a President, who shall be the executive officer of the Society and who shall hold office for one year. There shall be four Vice Presidents, each to hold office for two years, as follows: in connection with the individual membership, a Vice President responsible for General and Regional Activities, and a Vice President responsible for Instructional Divisions, to be elected in alternate years; in connection with institutional membership, a Vice-President responsible for the Engineering College Research Council, and a Vice President responsible for the Engineering College Administrative Council, to be elected in alternate years. There shall be a Secretary, to be appointed annually by a Committee consisting of the President and all Vice Presidents; and a Treasurer, to be elected annually. In case of a vacancy in office of the President, the Vice President for General and Regional Activities shall succeed to that office. In case of a vacancy in the office of the Vice President for General and Regional Activities, the Vice President for Instructional Divisions shall succeed to that office.

ARTICLE V

Executive Board

Section 1. The Executive Board of the Society shall consist of the President, the four Vice Presidents, the Secretary, and the Treasurer. Its function shall be to coordinate the activities of the Society. Its actions shall be final as to (*a*) approval of budgets, (*b*) authorization of publications, (*c*) conventions, (*d*) appointment of officers to fill emergency vacancies, and (*e*) determination of eligibility of institutional members. In all other matters, however, the Executive Board is advisory to the General Council, the Engineering College Research Council, and the Engineering College Administrative Council.

Section 2. The procedure in (*d*) filling emergency vacancies shall be as follows: excepting the Secretary, whose appointment is otherwise provided herein, the Executive Board shall make the appointment on recommendation of the President; provided, however, that, in case of vacancy in the office of a Vice President associated with the institutional membership, the President shall transmit to the Executive Board the recommendation of the Executive Committee concerned. The term of emergency appointments shall be until a successor is regularly elected.

Section 3. In case of a national emergency during which it is impossible for the Society to hold a regular meeting, the Executive Board may take any action on behalf of the Society that it deems necessary and advisable; provided, however, that such action shall be reported to the Society at its first regular meeting thereafter.

Section 4. Each Council of the Society shall report all of its actions to the Executive Board and shall not take an action affecting the interests of another Council until such proposed action has been considered by the Executive Board; provided, however, that in cases where the time element is too critical to permit deliberation by the Executive Board, a Council may, on its own responsibility, take emergency action within its own domain, or if it so authorizes, its Executive Committee may take such action; or provided further that a Council, or its Executive Committee if so authorized, may take such action jointly with another Council where joint interests are involved.

ARTICLE VI

General Council

Section 1. The General Council of the Society shall consist of the President, who shall be chairman, the four Vice Presidents, the Secretary, the Treasurer, the three Junior Past Presidents and a representative of every Division and Section elected by the body concerned for a term of two years

according to a plan of rotation in which one half of such representatives will be chosen each year.

Section 2. Any individual member of the Society shall be eligible for election as such a representative on the General Council.

Section 3. Incumbent elective officers and members of the Council shall continue in office for a period of ten (10) days after the date of the annual meeting or in the event that no annual meeting is held, until ten (10) days after their successors shall have been elected.

Section 4. The actions of the General Council shall be final on all matters concerning the General and Regional Activities and the Instructional Divisions, excepting those herein delegated to the Executive Board.

Section 5. The General Council shall determine its own By-laws which shall conform to the Constitution and By-laws of the Society.

ARTICLE VII

Engineering Colleges Research Council

Section 1. There shall be an engineering College Research Council whose purpose shall be to assist in developing the research facilities of engineering colleges (*a*) to further advanced study in colleges of engineering and to develop and coordinate industrial and scientific research; (*b*) to undertake research designed to promote engineering advancement and economic adjustment in industry, public works, public health, the conservation and development of natural resources, and similar activities; (*c*) to cooperate with other associations and government agencies in the prosecution and promotion of research and to collaborate with them to prevent duplication of effort and achieve maximum utilization, coordination, and development of engineering and scientific research facilities; and (*d*) to publish periodic research reports, studies, papers, and investigations of significant value to engineering colleges and cooperating research agencies.

Section 2. Its membership shall consist of institutions complying with the By-laws of the Research Council. There shall be Active (voting) and Associate (non-voting) membership. Each membership shall be entitled to one or more representatives designated by the proper officer of each member institution. Each Active Institutional membership shall have but one vote. All Institutional memberships shall be admitted by the Research Council.

Section 3. There shall be an Executive Committee of, and constituted by, the Engineering College Research Council; provided, however, that the Vice President of the Society associated with this Council shall be Chairman of the Council; and the President, Treasurer, and Secretary of the Society shall be ex officio advisory members without vote; and its powers shall be those delegated to it by this Council.

Section 4. The Engineering College Research Council shall determine its own By-laws which shall conform to the Constitution and By-laws of the Society.

ARTICLE VIII

Engineering College Administrative Council

Section 1. There shall be an Engineering College Administrative Council whose purpose shall be (*a*) to relate the engineering colleges to public welfare by close cooperation with the agencies of the Government; (*b*) to bring about cooperation among engineering colleges in the interest of the engineering profession, industry, and the public at large; (*c*) to bring about cooperation between the engineering colleges of this country and those of other lands; (*d*) to cooperate with engineering societies, trade organizations, and commercial groups in the interest of engineering education; (*e*) to act as an instrument of inquiry into problems which contribute to effective administration of engineering colleges; (*f*) to make the public conscious of the value of engineering education as a preparation for service to society in a technologic civilization.

Section 2. Its membership shall include one duly appointed representative of each such Active Institutional Members and Associate Institutional Members (non-voting) as are admitted to the Engineering College Administrative Council.

Section 3. There shall be an Executive Committee of, and constituted by, the Engineering College Administrative Council; provided, however, that the Vice President of the Society associated with this Council shall be Chairman of the Council; and the

President, Treasurer, and Secretary of the Society shall be ex officio advisory members without vote; and its powers shall be those delegated to it by this Council.

Section 4. The Engineering College Administrative Council shall determine its own By-laws which shall conform to the Constitution and By-laws of the Society.

ARTICLE IX

Sections, Branches, and Divisions

Section 1. A section of the Society may be formed by members of the Society in two or more institutions and for all members within a territory prescribed by the General Council. A Section may be formed by a temporary organization which shall become a duly authorized section of the Society upon the approval of the General Council. Sections may determine their own form of organization, but shall operate in conformity with the Constitution and the By-laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Sections shall be self-sustaining.

Section 2. A Branch may be formed by members of the Society in any one or more institution(s) by a temporary organization, which shall become a duly authorized Branch of the Society upon approval by the Executive Board. Branches may determine their own form of organization, but shall operate in conformity with the Constitution and the By-laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Branches shall be self-sustaining.

Branches may cooperate with, or be a part of, other organizations having the same general purposes as this Society. The general purpose of Branches is to extend the interest in, and the discussion of, questions relating to the teaching of engineering students and to bring to the Society at large, through its publications, the activities in all institutions that will be serviceable to the members of the Society.

Section 3. Papers and discussions presented before Sections or Branches shall be the property of the Society and may be published as Society proceedings if authorized by the Publication Committee. Permission to publish such papers and discussions elsewhere may be granted by the Executive Board of the General Council on condition that the Society receives proper credit.

Section 4. The General Council may establish Divisions of the Society in areas of instructional responsibility generally existing in engineering colleges, e.g., mathematics, electrical engineering, etc., and in fields of major interest within the Society not directly related to instruction.

Section 5. The Executive Board, the General Council, the Engineering College Research Council, and the Engineering College Administrative Council may establish committees in their respective domains as prescribed in the By-laws.

ARTICLE X

Election of Officers

Section 1. The President, Treasurer and two Vice Presidents, who must be members of the Society, shall be elected at the annual meeting by ballot of the individual membership present. The President and Treasurer shall be elected annually and the two Vice Presidents associated with individual membership shall be elected in alternate years for respective terms of two years. The two Vice Presidents associated wth institutional membership shall be elected at the anual meeting of the Society in alternate years for respective terms of two years by their respective Councils.

Section 2. There shall be a Nominating Committee consisting of the three Junior Past Presidents, senior member to be chairman, and those General Council members elected by the Sections and Divisions whose terms expire in the year in which the annual meeting is held.

Section 3. By means of a form to be printed in The Journal of Engineering Education or in the preliminary program of the annual meeting, an opportunity shall be given to individual members of the Society to submit names of persons to be considered for said officers. These names, on the form provided, shall be sent to the Secretary of the Society not less than sixty (60) days prior to the annual meeting; and the Secretary shall submit the suggested names to all members of the Nominating Committee.

ARTICLE XI

Dues

Section 1. There shall be no admission fee.

Section 2. The annual dues shall be as stated in the By-laws of the Society, and any change in the dues of individual membership shall be determined by letter ballot of such membership.

Section 3. A member elected prior to February 1 in any fiscal year shall pay the full dues of that year; if elected after February 1, he shall pay half the dues of that year.

Section 4. Dues are payable in advance at the beginning of each fiscal year and shall be considered in arrears if not paid by the end of the fiscal year for which they are assessed. Dues of new members are payable at the time of election and shall be considered in arrears if not paid by the end of the fiscal year within which they are elected.

Section 5. Members in arrears one year shall be retained on the roll of the Society, but shall not receive publications until such time as all arrearages are paid. Members in arrears two years, and who have been duly notified by the Secretary, shall be dropped from the roll of the Society until such arrearages are paid. The Secretary shall notify all members in arrears one month previous to the close of the fiscal year.

ARTICLE XII

Meetings

There shall be at least one annual meeting at such time and place as the Society at the preceding meeting, or the Executive Board, if the Society does not act, may determine. The Executive Board shall authorize the time and place of meetings held under the auspices of Divisions and Committees excepting those held at national conventions of the Society.

ARTICLE XIII

Publications

The Executive Board shall authorize all official publications of the Society and shall also prescribe the rights of the several grades of members in connection with these publications.

ARTICLE XIV

Amendments

This constitution may be amended by a favorable vote of the individual members of the Society, the proposed amendment being approved if at least two-thirds of the ballots returned within thirty (30) days after they are mailed out are favorable; and provided further (*a*) that the proposed amendment has first been voted upon by each of the three Councils of the Society and (*b*) that the results of such votes be recorded in the notice sent out to the membership with the ballots.

BY-LAWS OF THE SOCIETY

First. The Exective Board shall arrange for the annual meeting and prepare a program for it.

Second. Each Vice President shall submit a proposed budget for the activities for which he is responsible, to the Executive Board through the Secretary, who shall incorporate it with the General Budget so that the total proposed budget may be submitted to the Executive Board before May 1.

Third. Disbursements from the funds of the Society shall be made by the Treasurer in accordance with the approved budget or a direct appropriation authorized by the Executive Board for a special purpose, and upon vouchers signed by the Secretary of the Society.

Fourth. The annual dues shall be as follows:

Individual members
1. Librarians and grades under associate professor $5.50
2. Associate professors 6.00
3. All others 7.00

Institutional members
1. Active members
   a. Participating in both Institutional Councils, $50.00
   b. participating in only one Institutional Council, $35.00
2. Associate Members, $50.00
3. Affiliate Members, $25.00

Fifth. The fiscal year of the Society shall be July 1 to June 30.

Sixth. The Secretary of the Society shall be secretary of the Executive Board.

Seventh. Committees, excepting the Executive Committees, reporting to the Execu-

tive Board and to the General Council shall be authorized by these respective bodies and appointed by the President. Committees reporting to either of the Institutional Councils shall be authorized by the Executive Committee concerned and be appointed by the Vice President concerned. Committees of Sections, Branches, or Divisions shall be authorized by the body concerned and be appointed by the Chairman of the body concerned.

Eighth. There shall be a Publication Committee consisting of the President, junior Past President, and the Secretary of the Society who shall be chairman. It shall be responsible to the Executive Board for the general administration of all official publications of the Society.

The Secretary of the Society shall have direct charge and be editor of all publications authorized by the Executive Board excepting those so authorized for the Engineering College Research Council and the Engineering College Administrative Council, which shall be edited and published in accordance with plans of procedure recommended by these respective Councils and approved by the Executive Board; provided, however, that the plans shall include a Subcommittee of the Publication Committee for each of said Councils, the personnel of the Subcommittee to be recommended by the Council concerned and approved by the Executive Board.

The selling price of all publications shall be determined by the Executive Board on recommendation of the Publication Committee.

All income from publications shall be classified as income of the Society applicable to the annual budget of the Society.

Ninth. These By-laws, excepting as they relate to dues of individual members, may be amended by a two-thirds vote of the members present at any regular meeting of the Society, provided that all individual and institutional members have been notified of the proposed amendment by notices mailed by the Secretary's Office at least thirty (30) days prior to the said regular meeting at which action is to be taken, and provided further that the proposed amendment has first been voted upon by each of the three Councils of the Society and the results of such vote recorded in the notice sent out for the meeting at which the proposed amendment is to be acted upon.

The dues of individual members may be changed only by a favorable vote by letter ballot of individual members.

BY-LAWS

ENGINEERING COLLEGE ADMINISTRATIVE COUNCIL

(Adopted November, 1948) *

I. Name

The name of this organization shall be the Engineering College Administrative Council of the American Society for Engineering Education.

II. Purposes

The purposes of the Engineering College Administrative Council, as set forth in Article IX (Section 1) of the Constitution of The American Society for Engineering Education, shall be:

a). To relate the engineering colleges to public welfare by close cooperation with the agencies of the Government;

b). To bring about cooperation among engineering colleges in the interest of the engineering profession, industry, and the public at large;

c). To bring about cooperation between the engineering colleges of this country and those of other lands;

d). To cooperate with engineering societies, trade organizations, and commercial groups in the interest of engineering education;

e). To act as an instrument of inquiry into problems which contribute to effective administration of engineering colleges;

f). To make the public conscious of the value of engineering education as a preparation for service to society in a technologic civilization.

III. Membership

Membership in the Engineering College Administrative Council shall consist of one duly appointed representative of each such Active Institutional Members and Associate Institutional Members (non-voting) as are admitted to the Engineering College Administrative Council.

* Tentative By-Laws, subject to approval by ASEE Committee on Constitution and By-Laws.

IV. Executive Committee

1. There shall be an Executive Committee of, and constituted by, the Engineering College Administrative Council; provided, however, that the Vice President of the Society associated with this Council shall be Chairman of the Council; and the President, Treasurer, and Secretary of the Society shall be ex-officio advisory members without vote; and its powers shall be those delegated to it by this council.

2. The Executive Committee shall consist of seven (7) elected members including its officers. These members shall be duly appointed representatives of Active Institutional members and shall constitute the voting members of the Executive Committee.

V. Officers

1. The officers of the Engineering College Administrative Council shall consist of a Chairman and a Secretary who shall perform the duties which usually devolve upon those officers.

2. The Chairman, the Secretary, and the remaining five (5) members of the Executive Committee shall be elected by the method provided in these By-Laws for terms of two (2) years, except that at the first election after adoption of these By-Laws two (2) members of the Executive Committee, other than the officers, shall be elected for one (1) year terms.

3. Any elected office of the Engineering College Administrative Council may be re-elected to succeed himself for two (2) consecutive terms; thereafter at least one (1) term shall elapse before he is again eligible to hold the same office.

4. In case of vacancy of the office of Chairman, that office shall be filled by a special election for that purpose to fill the unexpired term. In case of vacancy of the office of Secretary or a vacancy in the mem-

bership of the Executive Committee, the remaining members of the Executive Committee shall fill the vacancy for the unexpired term by a majority vote.

5. The term of newly-elected officers except those filling vacancies shall begin ten (10) days after the annual election. The terms of office of those elected to fill vacancies shall begin immediately after their election.

VI. Elections

The Chairman and Secretary of the Engineering College Administrative Council and two (2) members thereof shall be elected biennially; with the exception noted in Article X, Section 2. The three (3) remaining members of the Executive Committee shall be elected in the alternate years.

2. Prior to each annual meeting of the Society, the Chairman of the Executive Committee of the Engineering College Administrative Council, with the approval of that Committee, shall appoint a Nominating Committee of three (3) members to serve for the elections during that annual meeting. The Nominating Committee shall nominate one or more members for each vacancy on the Executive Committee which nominations shall be presented at a session of the Administrative Council for a viva voice vote. Elections shall be by majority vote for each office.

VII. Fiscal Year

The fiscal year of the Engineering College Administrative Council shall be from July 1 to June 30.

VIII. Meetings

1. A meeting for the transaction of the business of the Engineering College Administrative Council shall be held each year at approximately the same time and place as the annual meeting of the American Society for Engineering Education. The time and place of the annual meeting of the Council shall be announced to the membership of the Council not less than sixty (60) days before the date of the meeting.

2. Special meetings of the Engineering College Administrative Council may be called by the Chairman of the Executive Committee as needed upon reasonable notice to the membership of the Council.

IX. Amendments to By-Laws

These By-Laws may be amended by a two-thirds vote of the members of the Engineering College Administrative Council present at any annual meeting. Amendments may be submitted by majority vote of the members of the Executive Committee of the Council, or by petition signed by not fewer than ten (10) members of the Council. Proposed amendments shall be circulated by mail to members of the Council not less than thirty (30) days prior to the annual meeting at which the amendments will be presented for adoption.

BY-LAWS

ENGINEERING COLLEGE RESEARCH COUNCIL

Formerly the Engineering College Research Association

(As Amended, June, 1948)

I. Name

The name of this organization shall be the Engineering College Research Council of the American Society for Engineering Education.

II. Purposes

The purposes of the Engineering College Research Council, as set forth in Article VIII (Section 1) of the Constitution of the American Society for Engineering Education, shall be to assist in developing research facilities of engineering colleges:

a). To further advanced study in colleges of engineering and to develop and coordinate industrial and scientific research;

b). To undertake research designed to promote engineering advancement and economic adjustment in industry, public works, public health, and conservation and development of natural resources, and similar activities;

c). To cooperate with other associations and government agencies in the prosecution and promotion of research and to collaborate with them to prevent duplication of effort and achieve maximum utilization, coordination, and development of engineering and scientific research facilities; and

d). To publish periodic reports, studies, papers, and investigations of significant value to engineering colleges and cooperating research agencies.

III. Membership

1. Active membership in the Engineering College Research Council shall be confined to institutions of higher education granting degrees in engineering, which normally require four or more years of academic study and which have one or more engineering curricula accredited by the Engineers' Council for Professional Development, *provided* that the research organization or activity of the institution shall have existed for at least three (3) years and that the institution shall have expended for engineering research during the three fiscal years next preceding the date of its admission to the Council not less than ten thousand dollars ($10,000). The term "research" as used herein means original investigations including the discovery of new processes, devices, or materials and does not include routine testing. Membership may preferably be taken out by the institution in the name of its Engineering Experiment Station, Engineering Research Institute or Division, or Engineering College, School, or Department.

2. A member institution must maintain a high record of performance in engineering research to remain in good standing as an active member.

3. Associate membership shall be confined to libraries, associations, companies, or individuals having an interest in engineering research such as to warrant, in the opinion of the Executive Committee of the Council, affiliation with the Council. Associate members shall have no vote, but may otherwise participate in all of the activities of the Council.

4. An institution may be proposed for membership in the Engineering College Research Council by an official representative of any member institution who is familiar with the work of the institution proposed; or application for admission may be made directly by a responsible officer of the institution concerned.

5. Applications for membership in the Engineering College Research Council shall be addressed to the Secretary of the American Society for Engineering Education, who shall refer such applications to the Execu-

tive Committee of the Engineering College Research Council.

6. Membership shall be conferred by the Executive Committee of the Engineering College Research Council by a two-thirds vote of the members of the Committee, after the eligibility of the applicant for membership in the Council shall have been determined by the Executive Board of the American Society for Engineering Education.

7. Membership in the Engineering College Research Council may be cancelled by a three-fourths vote of the members of the Council present at a called meeting and upon the recommendation of the Executive Committee for such causes as (1) poor technical performance, (2) acts tending to bring the Council into disrepute.

8. The executive Committee of the Engineering College Research Council may cancel membership in the Council for nonpayment of dues.

9. Each active member of the Engineering College Research Council shall be entitled to one vote. The vote for each institutional member shall be cast by the person authorized by the President of the Institution as its representative to the Council.

IV. Dues

Dues to be paid for membership in the Engineering College Research Council shall be as specified in the Constitution and By-laws of the American Society for Engineering Education and shall be payable to the Treasurer of that Society.

V. Officers

1. The officers of the Engineering College Research Council shall consist of a Chairman, two Vice-Chairmen, a Secretary, and six Directors. These officers, with the exception of the Secretary, shall constitute the voting members of the Executive Committee of the Council.

2. The President, Secretary, and Treasurer of the American Society for Engineering Education shall be ex-officio advisory members without vote of the Executive Committee of the Engineering College Research Council.

3. The Chairman and two Vice-Chairmen of the Engineering College Research Council shall be elected by the method provided in these By-laws for two (2) years. The Directors shall be elected by the method provided in these By-laws for terms of three (3) years. The Secretary shall be appointed by the Executive Committee.

4. The Chairman of the Engineering College Research Council shall perform the executive duties which usually devolve upon that office. He shall, by virtue of his office in the Engineering College Research Council, hold office as a Vice-President of the American Society for Engineering Education.

5. The Chairman of the Engineering College Research Council, with the advice of the Executive Committee, shall appoint such committees as are deemed necessary; except that he shall recommend to the President of the American Society for Engineering Education the personnel of the Engineering College Research Council Committee on Publications which shall constitute a Subcommittee of the Publication Committee of the American Society for Engineering Educaton, the personnel of which shall be approved by the Executive Board of the American Society for Engineering Education.

6. The Chairman of the Engineering College Research Council shall receive and account for all gifts of funds or property to the Council and shall approve all bills and vouchers for payment by the Treasurer of the American Society for Engineering Education to cover expenses of the Engineering College Research Council.

7. The functions and duties of the Executive Committee of the Engineering College Research Council shall be as follows:

a). The Executive Committee shall have charge of all matters relating to the expenditure of funds budgeted to the Engineering College Research Council by the Executive Board of the American Society for Engineering Education, the making of contracts, and the approval of bills.

b). The Executive Committee shall authorize all official publications of the Council as provided by Article VIII (Section 1) of the Constitution of the American Society for Engineering Education.

c). During intervals between meetings of the Engineering College Research Council, the Executive Committee shall formulate the general policies of the Council.

d). The Executive Committee shall, before May 1 of each year, prepare an Engineering College Research Council budget

for the following fiscal year to be submitted to the Executive Board of the American Society for Engineering Education by the President of the Council.

e). The Executive Committee shall submit a report of its activities at each annual meeting of the Council.

f). A quorum of the Executive Committee for the transaction of business shall comprise five (5) of its voting members.

8. Any elected officer of the Engineering College Research Council may be re-elected to succeed himself for two (2) consecutive terms. Thereafter at least one term shall elapse before he is again eligible to hold the same office.

9. A member of the Executive Committee of the Engineering College Research Council may be elected to an office of the Council other than the one he holds, but his former membership on the Committee shall cease and another person shall be elected at once to finish his unexpired term as a member of the Committee.

10. In case of vacancy of the office of Chairman, the Senior Vice-Chairman shall succeed to that office. Any vacancy in an office of the Executive Committee except that of the Chairman shall be filled by a special election for that purpose.

11. No elected officer may receive any salary from the Engineering College Research Council.

12. The term of newly-elected officers shall begin on July 1 following the annual election. In the case of special elections, the term of the newly elected officers shall begin ten (10) days after their election. Elected officers shall hold office until their successors shall have been elected and qualified.

VI. Elections

1. The Chairman of the Engineering College Research Council shall be elected biennially. One Vice-Chairman and two Directors shall be elected annually.

2. At each annual meeting the Executive Committee of the Engineering College Research Council shall elect by majority vote of those present a Nominating Committee of three (3) members to serve during the ensuing year. For regular annual elections of officers, the Nominating Committee shall nominate one or more members for each vacancy. A letter ballot containing these nominations with spaces provided for writing names of candidates other than those nominated shall be circulated to the members not less than sixty (60) days before the date of the annual meeting and shall be returnable to the Secretary of the Council not later than five (5) days before the date of the annual meeting. Election shall be by plurality vote for each office.

3. Special elections to fill vacancies in the membership of the Executive Committee shall be conducted by the method just described except that a nomination or nominations shall be made by the Nominating Committee within thirty (30) days after the vacancy occurs and the ballots shall be canvassed within thirty (30) days after the date of mailing ballot forms to members.

VII. Fiscal Year

The fiscal year of the Engineering College Research Council shall be from July 1 to June 30.

VIII. Meetings

1. A meeting for the transaction of the business of the Engineering College Research Council shall be held each year at approximately the same time and place as the annual meeting of the American Society for Engineering Education. The time and place of the annual meeting of the Council shall be announced to the membership of the Council not less than sixty (60) days before the date of the meeting.

2. Special meetings of the Engineering College Research Council may be called by the Executive Committee as needed upon thirty (30) days' notice to the membership of the Council.

3. Meetings of the Executive Committee of the Engineering College Research Council may be called by the Chairman as needed upon fifteen (15) days' notice to the membership of the Committee.

IX. Gifts

1. The Engineering College Research Council may accept gifts from individuals, firms, or associatons, from the Federal Government, or from State Governments, or their agencies, provided that such gifts are for the furtherance of the purposes of the Council.

2. Custody of funds or property received as gifts of the Engineering College Research

Council shall be the responsibility of the Chairman of the Council.

3. The Engineering College Research Council may use, expend, or dispose of the funds or property received from gifts or from other sources in accord with the terms of the gifts or, as near as may be, in carrying out their general objects and purposes and may generally expend the funds in furtherance of the purposes of this organization as set forth in these By-laws and in Article VIII (Section 1) of the Constitution of the American Society for Engineering Education.

X. Amendments to By-Laws

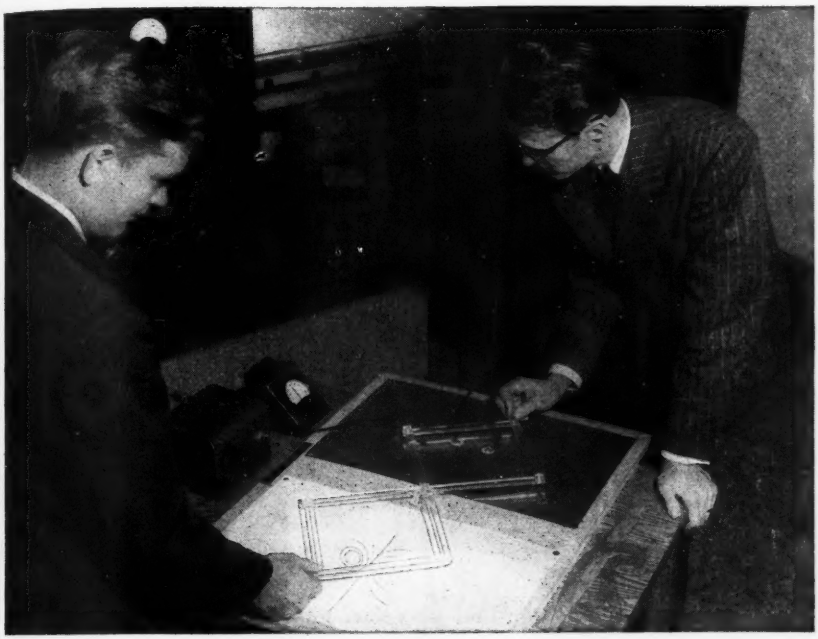
These By-laws may be amended by a two-thirds vote of the members of the Engineering College Research Council canvassed by letter ballot. Proposed amendments shall be submitted in writing to the Secretary of the Council by petition signed by not fewer than ten (10) members of the Council. Proposed amendments shall be circulated by mail to the members of the Council and shall be voted upon by letter ballot, the vote to be canvassed by the Secretary not less than thirty (30) days following the circulation of the amendment.

Section Meetings

Section	*Location of Meeting*	*Dates*	*Chairman of Section*
Allegheny	Pennsylvania State College	April 18–19, 1952	E. B. Stavely, Pennsylvania State College
Illinois-Indiana	University of Illinois	May 17, 1952	D. G. Ryan, University of Illinois
Kansas-Nebraska	University of Nebraska	Nov. 16–17, 1951	Kenneth Rose, University of Kansas
Michigan	University of Detroit	May 10, 1952	W. P. Godfrey, University of Detroit
Middle Atlantic	Newark College of Engineering	December, 1951	S. J. Tracy, Jr., City College of New York
Missouri	University of Arkansas	April 5, 1952	R. Z. Williams, Missouri School of Mines
National Capital Area	Howard University George Washington University	February 5, 1952	W. Oncken, Jr., Bureau of Ordnance
New England	Worcester Polytechnic Institute	Oct. 18, 1952	E. T. Donovan, University of New Hampshire
North Midwest	Iowa State College	Oct. 3–4, 1952	S. J. Chamberlin, Iowa State College
*Ohio	Ohio State University		W. F. Brown, University of Toledo
Pacific Northwest	University of Washington	May 23–24, 1952	T. H. Campbell, University of Washington
Pacific Southwest	University of Nevada	Dec. 27–28, 1951	S. F. Duncan, University of Southern California
*Rocky Mountain	University of Wyoming		E. J. Lindahl, University of Wyoming
Southeastern	Clemson College	April 10, 11, 12, 1952.	R. L. Sumwalt, University of South Carolina
Southwestern	University of Houston	April 11 & 12, 1952	H. P. Adams, Oklahoma A. & M. College
Upper New York	Alfred University	October 10–11, 1952	R. M. Campbell, Alfred University

Members of the Society are welcome at all Section Meetings

*** No Date Set.**



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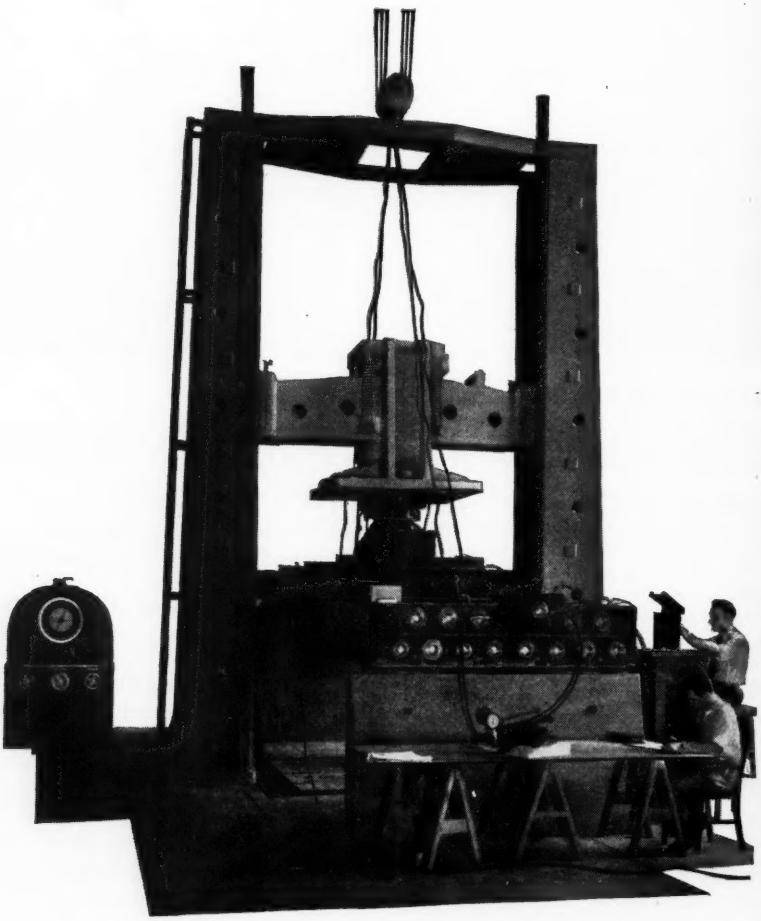

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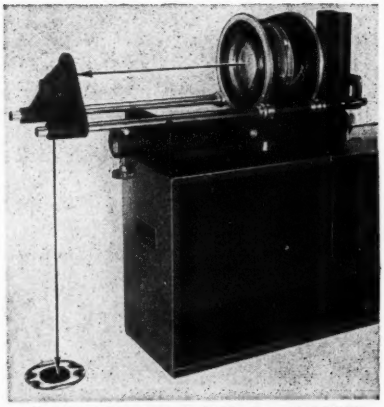

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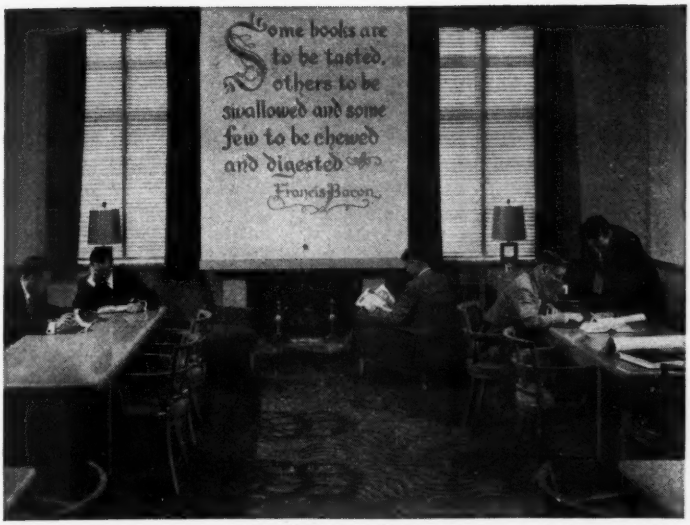

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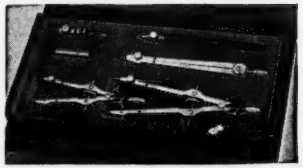

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